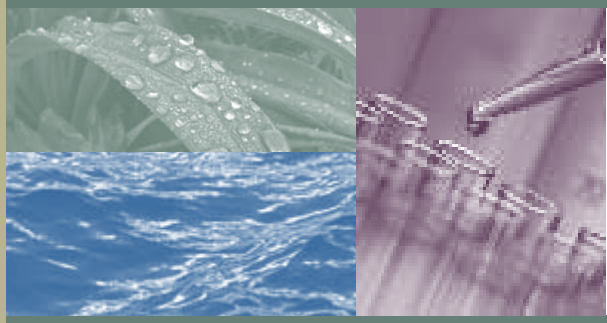
PCB REMEDIATION COMPLETION REPORT

Davis Hall



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1. INTRODUCTION

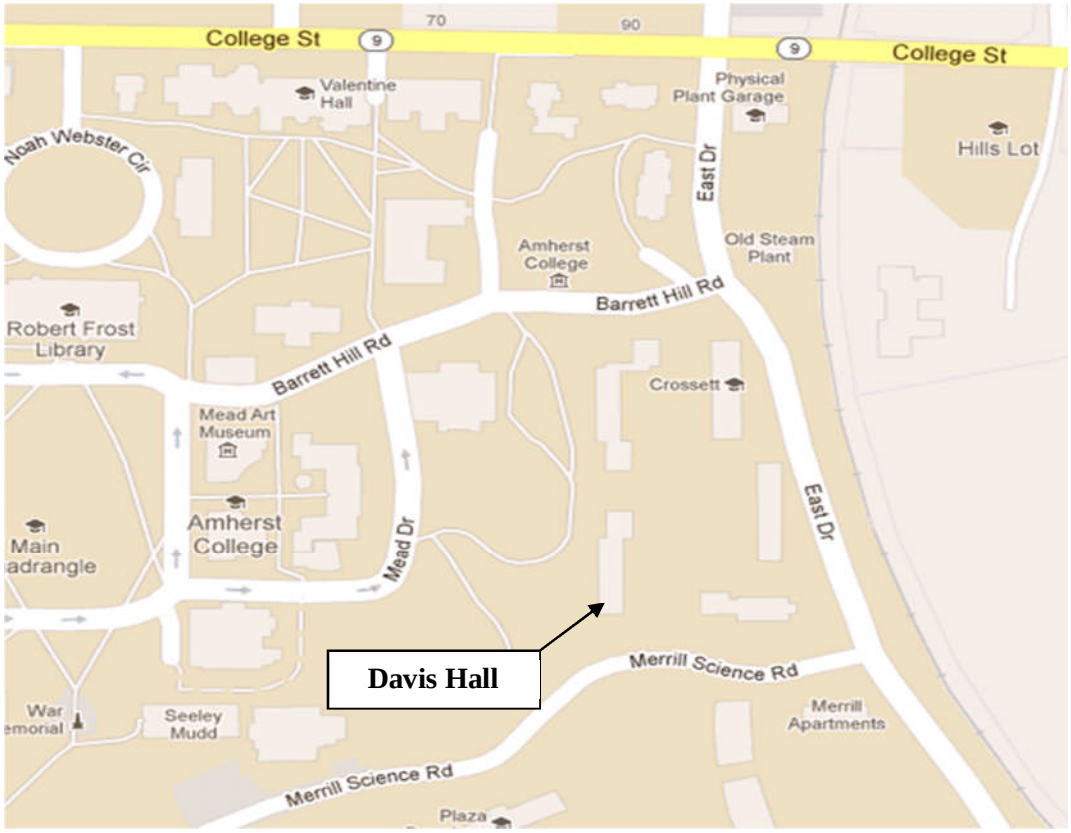
This Polychlorinated Biphenyl (PCB) Remediation Completion Report has been prepared by Woodard & Curran on behalf of Amherst College in accordance with the Davis Hall Demolition PCB Remediation Plan submitted to the United States Environmental Protection Agency (EPA) on June 19, 2012 as modified with a July 30, 2012 modification submittal. PCB remediation activities were conducted in accordance with the remediation plan and subsequent email correspondence with the EPA.

1.1 SITE DESCRIPTION

Davis Hall was a two-story residence hall with a basement, originally constructed in 1963. The first and second floors consisted of student dormitory suites. Common areas, storage space and recreational areas were located in the basement of the building.

Davis Hall was located within the eastern portion of the Amherst College campus. Surrounding ground surfaces sloped away from the building on the east and south sides of the building. Ground surfaces are covered with asphalt pavement, concrete, or landscape materials. A Site Location Map is provided as Figure 1-1 below.

Figure 1-1: Site Location Map



1.2 SITE BACKGROUND AND CHARACTERIZATION

Davis Hall was originally constructed in 1963, during a time period when PCBs were sometimes used in certain building materials (e.g., caulking). In preparation for the building demolition project, Woodard and Curran conducted a building wide inventory and characterization sampling program for suspected PCB-containing materials. Results of

this inventory indicated that PCBs were present at concentrations ≥ 50 ppm in caulking along door frame to masonry joints of eleven suite doors in the north main stairwell and one basement door on the south elevation. Caulking along the frame to masonry joints of the twelve doors was reported to contain PCBs at concentrations of 190 and 59.1 ppm. Additional caulking materials were identified as containing PCBs at concentrations < 50 ppm and were determined by Amherst College to meet the definition of an Excluded PCB Products. In addition, caulking installed in the early 1990's along frame to masonry joints of two windows in the north main stairwell contained PCBs at concentrations > 1 ppm.

Based on the limited presence of ≥ 50 ppm PCB-containing caulking, the remediation of these materials and building materials impacted by PCBs was to be conducted as a performance-based disposal in accordance with 40 CFR 761.62(a) (caulking as a PCB Bulk Product Waste) and 40 CFR 761.61(b) (impacted building materials as PCB Remediation Wastes) with disposal of all generated waste materials at Environmental Quality's Wayne Disposal facility in Belleville, Michigan. However, during the verification sampling process (conducted in accordance with 40 CFR 761 Subpart O), the extent of PCBs at concentrations > 1 mg/kg in concrete materials away from the basement door was not able to be determined through verification sampling. Based on these results, the potential for another source of PCBs in the basement was investigated.

As an initial step, an inspection and survey within the basement area was conducted to identify painted and non-painted surfaces. The paint was observed to be in excellent condition, adhering to the concrete and CMU block with no evidence of chipping or flaking. The inventory of masonry surfaces indicated the following:

- Approximately 230 linear feet (l.f.) of concrete foundation throughout the basement was observed to be painted (approximately 90 l.f. of foundation was observed to not be painted). Based on a height of 8' 2" and a thickness of 9", this corresponds to a total of 1,409 cubic feet (ft^3) of painted concrete, or approximately 120 tons (including a 15% contingency);

- Approximately 307 l.f. of CMU block wall was also observed to be painted with a visually similar type of paint as the poured concrete walls. Based on a height of 8' 2" and a thickness of 1', this corresponds to a total of 2,508 ft^3, or approximately 70 tons (including a 15% contingency); and

- Approximately 1,875 square feet of the concrete ceiling was observed to be painted. Based on a thickness of 1 foot, this corresponds to approximately 160 tons of material (including a 15% contingency).

To determine the presence and concentration of PCBs in the paint, two paint samples were collected by scraping paint from the concrete foundation wall (1 sample) and from the painted concrete ceiling (1 sample). Analytical results indicated that PCBs were present at concentrations of 226 and 79 ppm, respectively with Aroclor 1254 and 1260 reported in both samples.

To determine if PCBs had migrated from the paint into the underlying concrete, one sample of concrete foundation wall and one sample of CMU block were collected following removal of paint from two test areas using a commercially available paint removal product. Results of this sampling indicated that PCBs were detected at much lower concentrations; however, PCBs were present in the samples at concentrations slightly > 1 ppm (total PCBs reported as Aroclor 1254 and reported at concentrations of 1.1 and 1.7 ppm).

Representative samples of the waste stream (full wall thickness cores) were also collected at three locations for PCB analyses (2 poured concrete walls and 1 CMU wall) to support the waste profiling and facility acceptance of this material. Analytical results indicated that PCBs were non-detect (< 0.033 ppm) in both samples of the painted concrete foundation walls and present at a concentration of 1.39 ppm in the painted CMU block wall sample.

Given that the paint was identified as the source of the PCBs and that data collected did not demonstrate a release of PCBs into the coated materials (i.e., concrete and CMU block), painted concrete and CMU block materials were designated for off-site disposal as PCB Bulk Product Waste in accordance with 40 CFR 761.62. All characterization

data was subsequently submitted to EPA as part of the Remediation Plan submittal.

1.3 PROJECT TIMELINE

The following list provides a summary of the major activities conducted and document submittals prepared as part of the PCB remediation activities conducted as part of the Davis Hall demolition project including the removal and off-site disposal of PCB-containing caulking and adjacent building materials associated with 12 doors and the removal and off-site disposal of PCB-containing paint and coated concrete materials within the basement.

- Initial Site Inspection and Characterization Sample Collection – March 22, 2012;
- PCB Remediation Plan Submitted to EPA– June 19, 2012;
- PCB Remediation Activities for Interior Doors and Windows within the North Stairwell - June 18 and 19, 2012;
- Plan Modification submitted to EPA – July 30, 2012;
- Authorization received vie email from EPA for disposal of basement materials as PCB Bulk Product Waste – July 30, 2012;
- Demolition of Painted Basement Materials for disposal as PCB Bulk Product Waste Commences – July 30,2012;
- Demolition of Painted Basement Materials for disposal as PCB Bulk Product Waste Completed – August 8, 2012;

1.4 PROJECT TEAM

The remediation project team consisted of the following parties:

- Amherst College – Owner;
- Whiting-Turner Contracting Company – General Contractor;
- NCM Demolition and Remediation, LP – Remediation Contractor (asbestos and PCB removal);
- S & R Corporation – Site Work Contractor
- Woodard & Curran – PCB Remediation Consultant

2. REMEDY IMPLEMENTATION

This section describes the PCB cleanup and disposal activities conducted in accordance with 40 CFR 761.62 and 761.61(b) for the north stairway doors and windows, basement door, concrete foundation walls, concrete masonry unit (CMU) block walls, and the basement ceiling in accordance with the Davis Hall PCB Remediation Plan, dated June 19, 2012 with modifications.

The remedial approach consisted of the following:

- Door Caulking – Caulking associated with the eleven suite doors in the north stairway and one basement door on the south building elevation was identified as containing ≥ 50 ppm PCBs. The caulking, door frames and components, and adjacent building materials to a distance of 4.5 inches from the caulked joints were removed for disposal as ≥ 50 ppm PCB wastes;
- Window Caulking – Caulking along vertical joints of the two windows in the north stairwell was identified as containing > 1 ppm PCBs. Because of the reported date of installation (early 1990's), the project team elected to manage the materials as ≥ 50 ppm PCB-containing caulking. Window caulking, window frames and components, and building materials to a distance of 4.5 inches from the caulked joint were removed for disposal as ≥ 50 ppm PCB wastes; and
- Basement Paint – Paint on basement foundation walls, CMU block walls, and basement ceiling materials was identified as containing ≥ 50 ppm PCBs. The paint and the coated concrete and CMU block materials were removed for disposal as PCB Bulk Product Waste.

A summary of completed activities including, site preparations and controls, PCB impacted material removals, inspections and verification sample collection, and material disposal is presented in the following sections.

2.1 NORTH STAIRWAY DOORS AND WINDOWS AND BASEMENT DOOR

Caulking and adjacent building materials materials associated with eleven suite doors in the north stairway, two windows in the north stairway, and one basement door on the south building elevation was removed for off-site disposal as ≥ 50 ppm PCB containing materials. The locations of the doors are depicted on Figures 2-1 through 2-3.

2.1.1 Site Preparation and Controls

Prior to initiating remediation activities associated with the removal of the twelve doors and the two windows, NCM implemented site controls to limit access to the remediation area and reduce potential exposures. Access to the building was controlled through temporary fencing installed as part of the larger demolition project site controls. Polyethylene containment and negative pressure controls were established in the north stairwell and around the basement door. The work areas and entrances to the containments were posted as PCB remediation areas for authorized personnel only. During removal activities, dust was controlled using wet techniques and HEPA vacuuming of the work areas. To confirm dust controls were adequate, a round of dust monitoring was conducted on June 19th during active removal. Dust readings outside the controlled work areas were consistent with background readings. Results of dust monitoring are presented in Appendix A.

2.1.2 Removal Activities

Following the establishment of negative pressure within the work area containment, NCM utilized hand tools (prybars, chisels, sledge hammers etc) and pneumatic tools to remove all caulking, window/door frames and the PCB-impacted adjacent materials. All door/window frames and components (including glass) were double-wrapped at the point of removal and labeled as PCB waste. Following door and window removal, adjacent building materials were removed as follows:

- North Stairway Doors – Brick materials to a distance of 4.5 inches from vertical joints (i.e., the first half-row of brick) and the first row of brick above the eleven suite doors in the north stairway were removed for disposal as ≥ 50 ppm PCB waste. In some areas, doors were located immediately adjacent to each other (see Figures 2-1 and 2-2). In these instances; all materials between the pair of doors were removed for disposal as ≥ 50 ppm PCB waste;
- North Stairway Windows – The first row of brick materials along the vertical window frame joints of the two north stairway windows was removed for disposal as ≥ 50 ppm PCB wastes; and

Second Floor Stairway Door Openings Following Door Removal

- Basement Door – Concrete materials to a distance of 4.5 inches from the vertical and horizontal joints were removed for off-site disposal as ≥ 50 ppm PCB wastes.

All PCB impacted debris was collected and placed into lined and labeled 55-gal steel drums at the point of removal and transferred to the temporary waste storage area within the building.

2.1.3 Verification Sampling

Prior to removal, verification samples of adjacent building materials were collected at a frequency of one sample per five linear feet (l.f.) of caulked joint in accordance with 40 CFR 761 Subpart O verification sampling frequencies. Verification samples were collected from a depth of 0 to 0.5 inches in accordance with the EPA Region I Standard Operating Procedure for Sampling Porous Surfaces for PCBs (May 2011). Samples were transported to Analytics Environmental Laboratory of Portsmouth, New Hampshire and Con-Test Analytical Laboratory of East Longmeadow, Massachusetts under standard chain of custody procedures. Samples were extracted using USEPA Method 3540C (Soxhlet extraction) and analyzed for PCBs using USEPA Method 8082.

A summary of the samples collected and the analytical results is presented below.

- North Stairway Doors - Verification samples were collected from brick materials at a distance of 4.5 inches from the caulked joints at interior door frames prior to the removal of caulking, door frames, and the adjacent materials. A total of 26 verification samples were collected at a frequency of one sample per five linear feet. A summary of the verification sample results is as follows:
  - PCBs were reported as non-detect (< 0.10 ppm) in eleven of the samples; and
  - PCBs were reported at concentrations < 1 ppm in 15 of the samples with an average reported concentration of approximately 0.3 ppm.
- North Stairway Windows – Verification samples were collected from brick materials at a distance of 4.5 inches from the vertical caulked joints at interior door frames prior to the removal of caulking, door frames, and the adjacent materials. One sample was collected from brick materials along each vertical joint for a total of four samples. Analytical results reported PCBs at concentrations of 0.11, 0.12, 0.236, and 0.901 ppm; and

- Basement Door – Based on the disposal of painted concrete foundation wall surrounding the door as PCB Bulk Product Waste in accordance with 40 CFR 761.62, verification samples of the concrete foundation wall surrounding the basement door were not collected.

Based on these results, all caulking, window and door frame components (including glass), and masonry materials in direct contact with the caulking to a distance of 4.5 inches from the caulked joints were removed for off-site disposal as ≥ 50 ppm PCB waste. Verification sample results are presented in Table 2-1. Analytical results and sample locations are presented on Figures 2-1 through 2-3. Complete analytical laboratory reports are provided in Appendix B.

2.1.4 Equipment Decontamination and Waste Management

Upon completion of all remediation activities associated with the north stairwell windows and doors and the basement door, window and door frames and components were wrapped in two layers of polyethylene sheeting at the point of generation and placed in the temporary waste storage area within Davis Hall. Adjacent building materials and all disposable materials and equipment was placed into lined, labeled open-top 55-gal drums. All non-disposable equipment was decontaminated by the double wipe method using rags dampened with diesel fuel, which were then placed into the PCB waste drums (no free liquids were generated during decontamination).

Prior to demolition of the building, the drums were transferred by the Environmental Health and Safety Department to Amherst College's hazardous waste storage area until transferred off-site for disposal.

2.2 BASEMENT DEMOLITION

Paint on portions of the basement foundation walls, basement CMU block walls, and the basement ceiling was identified as PCB Bulk Product Waste. The paint and the materials coated by the paint were removed for off-site disposal as PCB Bulk Product Waste in accordance with 40 CFR 761.62. A summary of the removal activities is presented in the sections below.

Prior to demolition of the basement, the upper portions of the building were removed for off-site disposal as asbestos containing material (ACM) based on the presence of asbestos in waterproofing materials on the inside of the first and second floor exterior walls. Based on the concern of ACM potentially falling into the basement area during removal of the upper floors and the relative consistent costs associated with disposal of materials identified as containing PCBs and/or ACM (PCB and ACM materials were to be shipped for disposal to the same facility), the project team determined that surgical removal of the basement ceiling and walls for waste segregation was not warranted due to the schedule implications of such segregation.

As such, the demolition of the basement foundation walls, CMU block walls, and concrete ceiling was conducted in a single event and materials were not segregated into individual waste streams. All basement materials were removed for off-site disposal as PCB Bulk Product Waste and ACM.

2.2.1 Site Preparation and Controls

Prior to demolition and removal of the Davis Hall building, the surrounding area was isolated using temporary fencing and signage. Access to the demolition site was controlled through a single gate located to the south of Davis Hall. During demolition of the building, dust was controlled through systematic demolition (removal of small areas of the building at one time) and the use of water hoses to keep the materials damp and eliminate visible dust.

Dust monitoring was conducted at the work zone perimeter in the downwind direction in accordance with Attachment 2 of the PCB Remediation Plan. A direct reading particulate meter (Thermo Electron Inc PDR 1000-AN) was used to monitor total dust concentrations at a background location and at up to three stations surrounding the work areas at a frequency of every two hours during active removal. No exceedances of the project action level were observed during demolition activities. Results of dust monitoring are presented in Appendix A.

2.2.2 Material Demolition and Off-Site Disposal

S & R Corporation (S & R) was sub-contracted by NCM for all building demolition activities. The basement area materials were removed in a systematic manner. Demolition of the ceiling and walls was performed with an excavator equipped with a wrecking ball to knock the materials into the foundation (i.e., within the footprint of the building and on the foundation slab) to eliminate potential impacts to the surrounding ground surfaces. As sections were demolished, a bucket equipped with a grasping attachment was used to live-load the materials or to move them, within the footprint of the building, to allow for additional demolition. Water hoses were used to control dust during demolition and loading operations; however, free standing liquids were not generated during dust control (i.e., materials were kept damp).

Building demolition debris was loaded into double-lined 65-yard dump trailers for off-site disposal as PCB bulk product waste with ACM. At the end of each shift, all materials not loaded for off-site disposal were kept within the building footprint and covered with polyethylene sheeting.

3. DATA USABILITY ASSESSMENT

This data quality and data usability assessment has been conducted to review the analytical results from samples collected in support of the remediation and verification activities. Data validation and review was conducted by Woodard & Curran and a third-party validator, Data Check, Inc. of New Durham, New Hampshire. This review included a check of field documentation including sample collection and preservation methods, a check of the laboratory data and documentation, a review of the internal laboratory QA/QC procedures and results including surrogate recoveries, blank results, matrix spike (MS) and matrix spike duplicate (MSD) results, laboratory control standard (LCS) and laboratory control standard duplicate (LCSD) results, and an evaluation of sample holding times, and field duplicate results. Data Check's data validation summaries are provided in Appendix B.

A summary of the data usability assessment for the data is presented below:

- All samples were extracted by USEPA Method 3540C (Soxhlet Extraction) and analyzed for PCBs by USEPA Method 8082.
- Consistent procedures and laboratory analysis of the data were achieved. Sample containers were packed on ice and delivered to the laboratory under standard chain of custody procedures. All samples were extracted and analyzed within allowable holding times for the method.
- Some samples were received at the laboratory below the acceptable temperature range (4º Celsius +/- 2 º). However, the samples were not frozen and no qualifications were applied.
- The data packages were reviewed to ensure that all sample and associated quality assurance results were available. Results of the completeness review indicated that all collected samples were analyzed and all quality control results were available to complete the data validation process.
- Some samples were analyzed at dilutions due to the concentration of PCBs present in the samples and/or due to sample matrix. Elevated quantitation limits are reported in these samples as a result of the dilutions; however all limits were below target cleanup levels.
- Two field duplicate samples were collected during the verification sampling events to evaluate the precision of the verification sample results. Relative percent difference (RPD) between the primary and associated duplicate samples met the acceptance criteria.
- The RPD between sample column results for individual samples were evaluated to evaluate the precision of the results. The RPD between sample column results were evaluated and determined to be within the acceptance criteria (≤ 25 %) with the exception of two samples. Aroclor 1254 results from these samples were estimated based on this evaluation.
- Accuracy of the analytical data was assessed by reviewing the recoveries for MS, MSD, surrogates, LCS, and LCSD. Surrogate recoveries were identified outside the acceptance limits for one of the samples; however, results were not qualified due to only one of the two surrogates being outside acceptance limits. RPD for the LCS/LCSD met acceptance criteria with the exception of one sample; however, since the RPD on the secondary column and all recoveries were within acceptable limits, no qualifications were applied. RPD between MS/MSD samples met the acceptance criteria.
- No analytes were detected in the method blanks or the field blank samples collected during the sampling events.

Based on this review, the data adequately represents the materials tested, and the samples are considered usable for the purposes of verifying remediation efforts in accordance with 40 CFR Part 761.

4. WASTE STORAGE, DISPOSAL, AND EQUIPMENT DECONTAMINATION

Waste storage and disposal activities were completed in accordance with the requirements of 40 CFR 761.61(b) and 761.62 as described in the PCB Remediation Plan with modification.

Materials generated from the removal of the north stairway doors and windows and the basement door were managed for disposal as ≥ 50 ppm PCB wastes with asbestos. Door and window frames and components were wrapped in two layers of polyethylene sheeting. Masonry materials, disposal tools and equipment, and decontamination materials were placed into lined, 55-gallon drums in accordance with 40 CFR 761.65. All materials were labeled at the point of generation in accordance with 761.40 and immediately transferred into the temporary hazardous waste storage area within the building. Prior to building demolition, the waste materials were transferred to Amherst College's hazardous waste storage area and transferred into a single lined roll-off container. Approximately 3.5 tons of waste materials were transported off-site to Environmental Quality's Wayne Disposal Landfill in Belleville, Michigan under hazardous waste manifest.

Materials generated during building demolition, including coated basement wall and ceiling materials were shipped off-site for disposal as PCB Bulk Product Waste and ACM. Approximately 1,200 tons of materials were loaded into 65 yard dump trailers during demolition for off-site transportation and disposal to Minerva Enterprise's facility in Waynesburg, Ohio as PCB Bulk Product Waste and ACM.

Copies of all PCB waste shipment records including hazardous waste manifests with certificates of disposal and waste shipment records for PCB Bulk Product Waste materials are provided in Appendix C.

5. SUMMARY AND CONCLUSIONS

The PCB remediation activities described in this Report have been performed in accordance with the requirements of 40 CFR 761.62 and 761.61(b) for the north stairway windows and doors, south elevation basement door painted concrete foundation walls, CMU block walls, and concrete ceiling as described in the PCB Remediation plan submitted to EPA on June 19, 2012 as modified.

In summary:

- Approximately 3.5 tons of bulk PCB waste (caulking, door and window frames and components, and adjacent building materials) were removed for off-site disposal as ≥ 50 ppm PCB wastes and ACM at Environmental Quality's Wayne Disposal Landfill in Belleville, Michigan.
- Approximately 1,200 tons of building materials, including coated basement concrete and CMU block materials, were removed for off-site disposal as Bulk Product Waste and ACM at Minerva Enterprise LLC's Waynesburg, Ohio facility.

Following completion of PCB remediation activities and building demolition, the work area was restored through backfilling, grading, and seeding to match the surrounding area. No additional remedial activities are required to be conducted.

Table 2-1
Summary of Building Material Verification Sampling Results

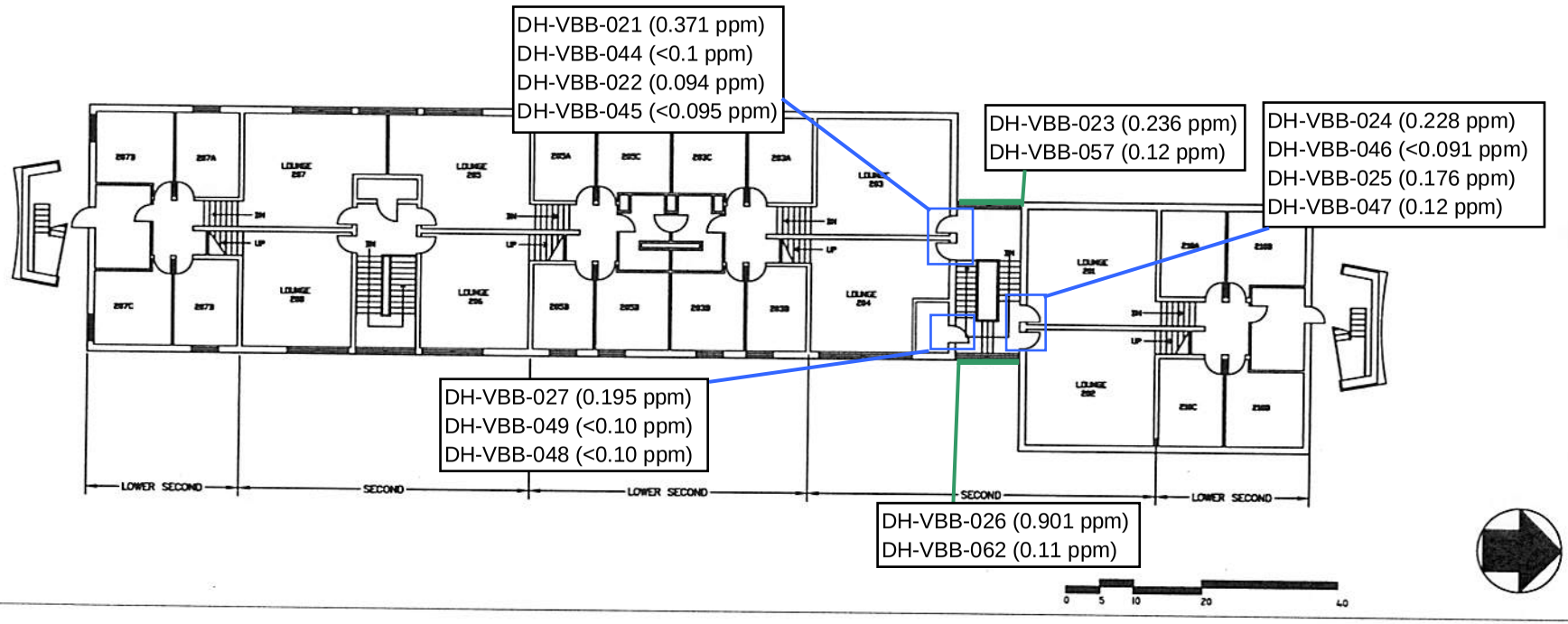
Davis Hall
Amherst College

Location	Sample Date	Sample ID	Distance from joint (inches)	Aroclors		Total PCBs (ppm)
				1254	1260	
North Stairwell Suite Doors Joints						
Room 204	4/10/2012	DH-VBB-021	4.5	0.182	0.189	**0.371**
	6/15/2012	DH-VBB-044	4.5	< 0.10	< 0.10	< 0.1
Room 203	4/10/2012	DH-VBB-022	4.5	0.045	0.049	**0.094**
	6/15/2012	DH-VBB-045	4.5	< 0.095	< 0.095	< 0.095
Room 201	4/10/2012	DH-VBB-024	4.5	0.111	0.117	**0.228**
	6/15/2012	DH-VBB-046	4.5	< 0.091	< 0.091	< 0.091
Room 202	4/10/2012	DH-VBB-025	4.5	0.078	0.098	**0.176**
	6/15/2012	DH-VBB-047	4.5	< 0.091	0.12	**0.12**
Janitor Closet, second floor landing	4/10/2012	DH-VBB-027	4.5	0.092	0.103	**0.195**
	6/15/2012	DH-VBB-049	4.5	< 0.10	< 0.10	< 0.10
	6/15/2012	DH-VBB-048	4.5	< 0.10	< 0.10	< 0.10
Room 104	4/10/2012	DH-VBB-028	4.5	0.099	0.107	**0.206**
	6/15/2012	DH-VBB-050	4.5	0.12	< 0.095	**0.12**
	6/15/2012	DH-VBB-051	4.5	0.15	< 0.095	**0.15**
Room 101	4/10/2012	DH-VBB-029	4.5	0.189	0.222	**0.411**
	6/18/2012	DH-VBB-052	4.5	< 0.10	< 0.10	< 0.10
	6/18/2012	DH-VBB-053	4.5	< 0.095	< 0.095	< 0.095
Janitor Closet, first floor landing	4/10/2012	DH-VBB-030	4.5	0.069	0.084	**0.153**
	6/18/2012	DH-VBB-054	4.5	< 0.10	< 0.10	< 0.10
Basement Common Area	4/10/2012	DH-VBB-031	4.5	0.127	0.152	**0.279**
	6/18/2012	DH-VBB-055	4.5	< 0.095	< 0.095	< 0.095
	6/18/2012	DH-VBB-056	4.5	< 0.10	< 0.10	< 0.10
Student Storage	4/10/2012	DH-VBB-033	4.5	0.277	0.335	**0.612**
	6/18/2012	DH-VBB-058	4.5	0.33	0.4	**0.73 J**
Mechanical Room	4/10/2012	DH-VBB-032	4.5	0.269	0.391	**0.66**
	6/18/2012	DH-VBB-059	4.5	< 0.095	< 0.095	< 0.095
North Stairwell Windows						
Top floor- west elevation	4/10/2012	DH-VBB-023	4.5	0.105	0.131	**0.236**
	6/18/2012	DH-VBB-057	4.5	0.12	< 0.10	**0.12 J**
Landing between first and second floor	4/10/2012	DH-VBB-026	4.5	0.437	0.464	**0.901**
	6/18/2012	DH-VBB-062	4.5	< 0.10	0.11	**0.11**

Note:
Samples collected from a depth of 0 to 0.5 inches in accordance with EPA Region 1 SOP for Sampling Porous Surfaces for PCBs (May 2011).
Samples extracted via USEPA Method 3540C and analyzed for PCBs via USEPA Method 8082.
All PCBs reported as Aroclor 1254 and Aroclor 1260. No other Aroclors reported above the minimum laboratory reporting limits.
J = Analytical results qualified as estimated . Additional information provided in Appendix B.

Figure 2-1 Verification Sample Locations - Second Floor

Davis Hall Demolition
Amherst College
Amherst, Massachusetts



DAVIS HALL
SECOND FLOOR PLAN

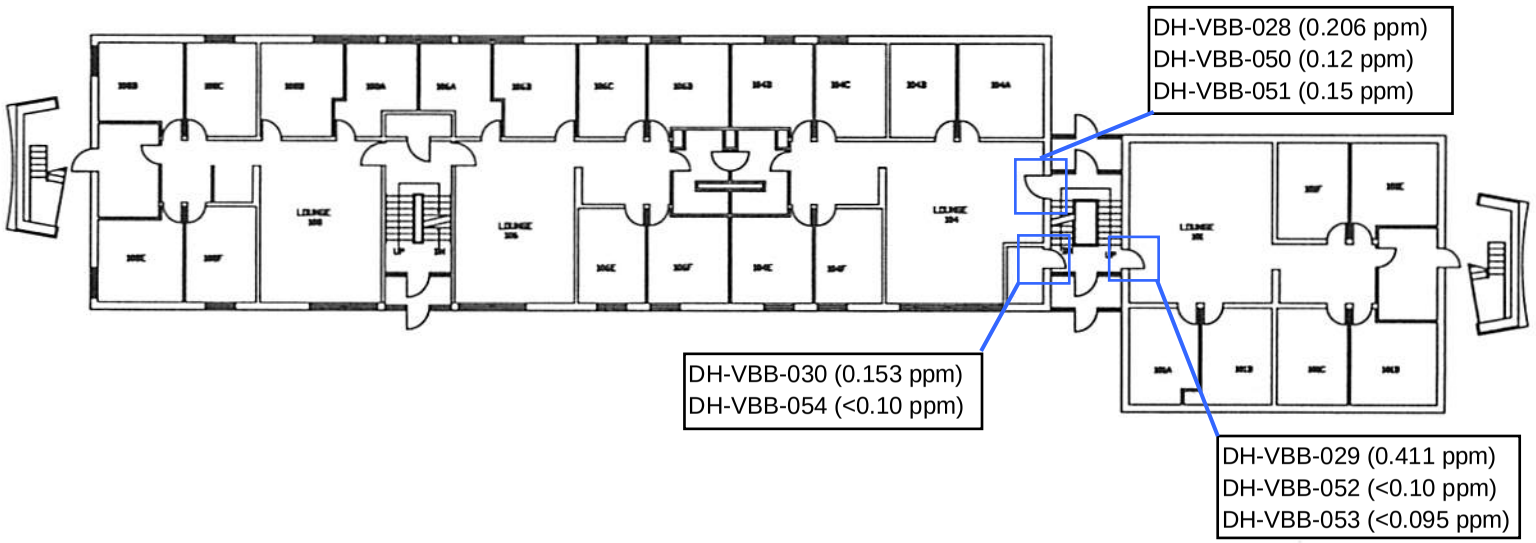
10.23.06
SCALE: 1/16"=1'-0" @ 11x17
DRAWN BY: CMM
Source Data: Amherst College

Location of Interior Door Frames with ≥ 50 ppm PCB Containing caulking.

Location of Windows with PCB-containing caulking managed as > 50 ppm PCB waste.

Figure 2-2 Verification Sample Locations - First Floor

Davis Hall Demolition
Amherst College
Amherst, Massachusetts

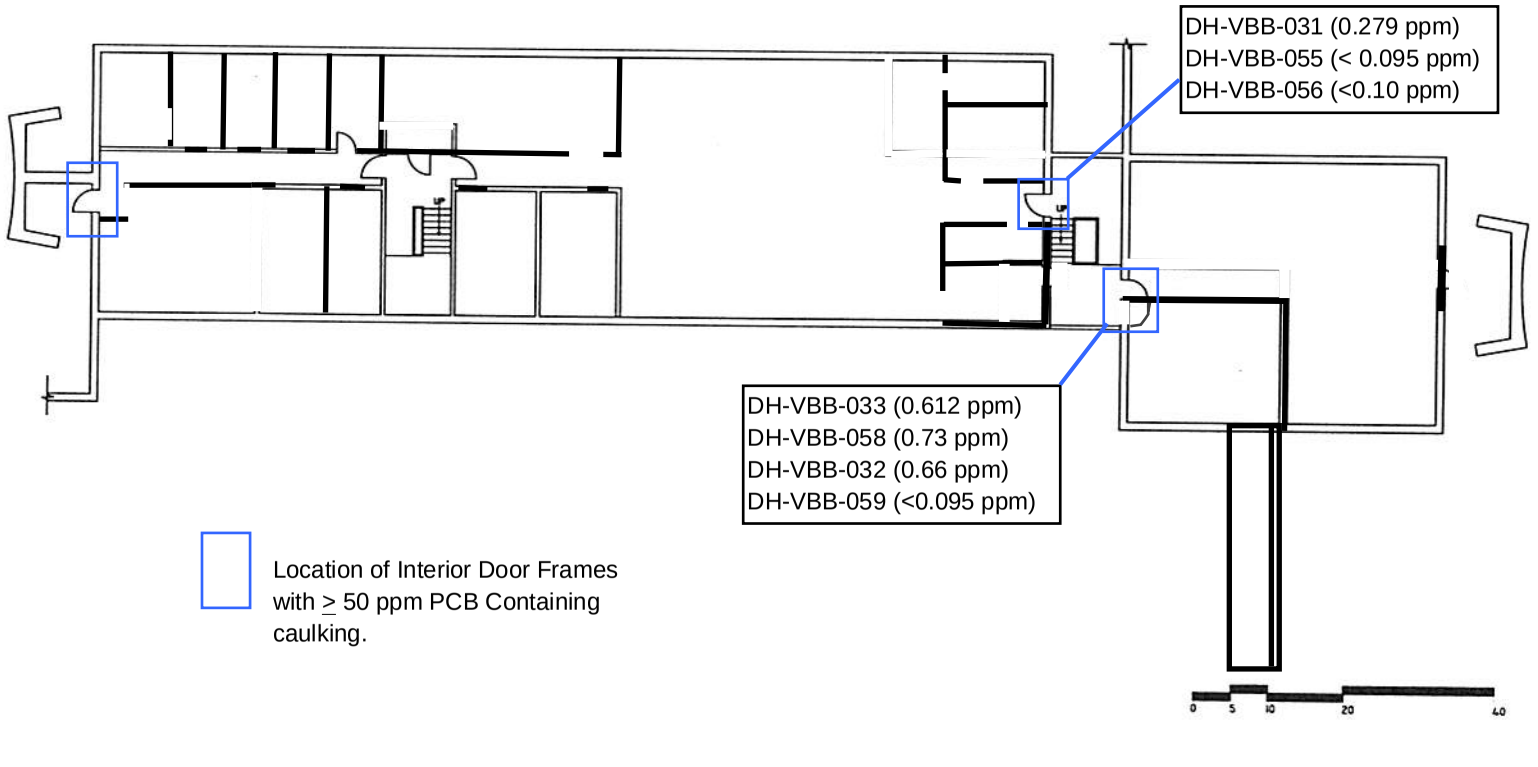


DAVIS HALL
FIRST FLOOR PLAN

10.23.06
SCALE: 1/16"=1'-0" @ 11x17
DRAWN BY: CMM
Source Data: Amherst College

Figure 2-3 Verification Sample Locations - Basement

Davis Hall Demolition
Amherst College
Amherst, Massachusetts



Source Data: Amherst College

APPENDIX A: DUST MONITORING LOGS

Appendix A

Summary of Perimeter Dust Monitoring Readings

Davis Hall Demolition
Amherst College

Date	Temp	Weather	Time	Location	Dust (mg/m^3)	Site Activities
Removal of Window/Door Frame						
6/19/2012	65	cloudy, slight breeze	10:45	Bkgd	0.023	Crew chipping materials with chisels in entryway.
			10:46	1	0.028	
			10:47	2	0.027	
No PCB-related activity onsite June 20 thru July 29, 2012.						
Demolition and Excavation of Coated Basement Walls and Ceiling						
7/30/2012	80	clear sky	10:30	Bkgd	0.009	Excavators handling clean and PCB materials.
			10:32	1	0.020	
			10:33	2	0.017	
			10:34	3	0.008	
			13:10	Bkgd	0.016	Segregating materials-steel, copper, concrete, asphalt etc.
			13:13	1	0.029	
			13:14	2	0.040	
			13:16	3	0.042	
			17:38	Bkgd	0.008	Active demo of basement walls wrapping up for the day. South & east wall removed. Crew resizing material for shipping.
			17:40	1	0.035	
			17:41	2	0.041	
			17:43	3	0.032	
No PCB-related dust generating activities onsite. 7/31/2012						
8/1/2012	80	clear, sunny	8:50	Bkgd	0.031	S&R resizing material for shipping and consolidating PCB waste into stockpile. S&R loading tractor trailer trucks with PCB/ACM basement wall materials.
				1	0.088	
			12:00	Bkgd	0.028	
				1	0.065	
			14:00	Bkgd	0.031	
				1	0.033	
8/2/2012	85-90	clear, sunny	8:40	Bkgd	0.028	NCM/S&R doing demo and load out of PCB materials.
				1	0.027	
			10:35	Bkgd	0.044	
				1	0.056	
			12:30	Bkgd	0.035	
				1	0.018	

Appendix A

Summary of Perimeter Dust Monitoring Readings

Davis Hall Demolition
Amherst College

Date	Temp	Weather	Time	Location	Dust (mg/m^3)	Site Activities
8/3/2012	90-95	clear, sunny	9:45	Bkgd	0.034	NCM/S&R doing demo and load out of PCB materials.
				1	0.028	
			12:40	Bkgd	0.083	
				1	0.049	
			13:35	Bkgd	0.096	
				1	0.058	
8/6/2012	80	clear sky	9:45	Bkgd	0.024	NCM/S&R doing demo and load out of PCB materials.
				1	0.021	
			12:20	Bkgd	0.018	
				1	0.050	
8/7/2012	85	clear sky	11:30	Bkgd	0.050	NCM/S&R doing demo and load out of PCB materials.
				1	0.008	
			12:35	Bkgd	0.099	
				1	0.177	
8/8/2012	65	overcast	10:30	Bkgd	0.027	NCM/S&R doing demo and load out of PCB materials.
				1	0.021	
			11:30	Bkgd	0.014	
				1	0.024	
			11:50	Bkgd	0.018	
				1	0.024	
			12:40	Bkgd	0.012	
				1	0.014	
			14:30	Bkgd	0.025	
				1	0.061	
			16:16	Bkgd	0.041	
				1	0.058	

1. All dust readings taken with a Thermo Electron PDR-1000AN. Meter was calibrated daily.
2. All PCB-related site activities were completed at end of day on August 8,2012. No additional PCB site work remains.

APPENDIX B: ANALYTICAL LABORATORY REPORTS AND DATA VALIDATION SUMMARY

225406 DAVIS HALL DEMOLITION – BUILDING MATERIALS
PROJECT SUMMARY

Analytics Environmental Laboratory Job Numbers: 72549, 72678, 72736, 72818, 72819, 72907, & 72952
ConTest Analytical Laboratory Job Numbers: 12F0259, 12F0552, 12F0595, & 12F0648

A modified Tier II validation was performed on the data. The criteria detailed below were used to qualify the data. Raw data were not used to verify the results reported by the laboratory.

Samples were received at 1.6, 2.5, 2.6, 3, 3.3, 4, 5.7, and 22.3 degrees Celsius. Some samples were received slightly below 2.0 degrees Celsius, but were not frozen and no qualifications will be applied. Some samples arrived at the laboratory direct from sampling (22.3 degrees Celsius), no qualifications will be applied.

PCBs:

All polychlorinated biphenyl compound (PCB) samples were extracted and analyzed within technical holding times. No qualifications will be applied.

All PCB surrogates met acceptance criteria (30-150%) or were diluted out with the following exception:

LAB ID	SAMPLE ID	TCX (%/%)	DCB (%/%)	QUALIFIER
12F0259-03	DH-CBC-C	OK/OK	OK/157	None, only 1 out

TCX = tetrachloro-m-xylene DCB = decachlorobiphenyl

The PCB method blanks were non-detect (ND) for all target analytes. No qualifications will be applied.

PCB field blank samples DH-VBBQ-034 (72549-16) and DH-VBQ-061 (12F0648-01) were ND for all target analytes. No qualifications will be applied.

The PCB matrix spike/matrix spike duplicate (MS/MSD) performed on samples DH-VBB-021 (72549-3) and DH-VBB-044 (12F0552-01) met acceptance criteria. No qualifications will be applied.

The PCB laboratory control samples (LCS)/laboratory control sample duplicates (LCSD) met acceptance criteria with the following exception. The relative percent difference (RPD) for PCB-1260 on column #1 (31.2%) for one LCS/LCSD exceeded acceptance criteria (≤30%). Since the RPD on the secondary column and all recoveries were acceptable, no qualification will be applied.

PCB field duplicate samples DH-VBC-019 (72549-1)/DH-VBCD-020 (72549-2) and DH-VBB-057 (12F0595-06)/DH-VBBD-060 (12F0595-09) met acceptance criteria. No qualifications will be applied.

The RPD between the column results for all detected PCBs met acceptance criteria (≤25%) with the following exceptions:

LAB ID	SAMPLE ID	PCB	RPD	QUALIFIER
12F0595-06	DH-VBB-057	1254	25.3	J
12F0595-07	DH-VBB-058	1254	36	J

Some samples were analyzed at a dilution due to the sample matrix and/or due to the high concentration of PCBs present. Elevated quantitation limits are reported in these samples as a result of the dilutions performed.

Data Check, Inc.
P.O. Box 29
81 Meaderboro Road
New Durham, NH 03855

Gloria J. Switalski:
President

Date: 9/19/2012

analytics environmental laboratory LLC

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April 16, 2012

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

RE: Analytical Results Case Narrative
Analytics # 72549
Amherst College-Davis Hall

Dear Mr. Franklin;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples and Blanks
Chromatograms
PCB Form 10 Confirmation Results
PCB Form 3 MS/MSD (LCS) Recoveries
Chain of Custody (COC) Forms

QC NON-CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

Samples 72549-1 and 72549-2 required dilutions due to concentrations of PCBs that exceeded the calibration range of the instrument.

If you have any questions on these results, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen L. Knollmeyer
Laboratory Director

analytics environmental laboratory LLC

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800-929-9906
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Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

Report Number: 72549

Revision: Rev. 0

Re: Amherst College, Davis Hall (Project No: 225406)

Enclosed are the results of the analyses on your sample(s). Samples were received on 11 April 2012 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Sample Analysis: The attached pages detail the Client Sample IDs, Lab Sample IDs, and Analyses requested

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, North Carolina, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 4/18/2012

analytics environmental laboratory LLC

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CLIENT: Woodard & Curran **REPORT NUMBER: 72549** **REV: Rev. 0**

PROJECT: Amherst College, Davis Hall (Project No: 225406)

Lab Number	Sample Date	Station Location	Analysis	Comments
72549-1	04/10/12	DH-VBC-019	EPA 8082 (PCBs only)	
72549-2	04/10/12	DH-VBCD-020	EPA 8082 (PCBs only)	
72549-3	04/10/12	DH-VBB-021	EPA 8082 (PCBs only)	
72549-4	04/10/12	DH-VBB-022	EPA 8082 (PCBs only)	
72549-5	04/10/12	DH-VBB-023	EPA 8082 (PCBs only)	
72549-6	04/10/12	DH-VBB-024	EPA 8082 (PCBs only)	
72549-7	04/10/12	DH-VBB-025	EPA 8082 (PCBs only)	
72549-8	04/10/12	DH-VBB-026	EPA 8082 (PCBs only)	
72549-9	04/10/12	DH-VBB-027	EPA 8082 (PCBs only)	
72549-10	04/10/12	DH-VBB-028	EPA 8082 (PCBs only)	
72549-11	04/10/12	DH-VBB-029	EPA 8082 (PCBs only)	
72549-12	04/10/12	DH-VBB-030	EPA 8082 (PCBs only)	
72549-13	04/10/12	DH-VBB-031	EPA 8082 (PCBs only)	
72549-14	04/10/12	DH-VBB-032	EPA 8082 (PCBs only)	
72549-15	04/10/12	DH-VBB-033	EPA 8082 (PCBs only)	
72549-16	04/10/12	DH-VBBQ-034	EPA 8082 (PCBs only)	

Surrogate Compound Limits

Matrix: / Units:	Aqueous % Recovery	Solid % Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA)	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH
Volatile Petroleum Hydrocarbons			
2,5-Dibromotoluene (PID)	70-130	70-130	MADEP VPH May 2004 Rev1.1
2,5-Dibromotoluene (FID)	70-130	70-130	
Extracatable Petroleum Hydrocarbons			
1-chloro-octadecane (aliphatic)	40-140	40-140	MADEP EPH May 2004 Rev1.1
o-Terphenyl (aromatic)	40-140	40-140	
2-Fluorobiphenyl (Fractionation)	40-140	40-140	
2-Bromonaphthalene (fractionation)	40-140	40-140	

analytics environmental laboratory LLC

PCB
DATA SUMMARIES

analytics environmental laboratory LLC

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Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

April 17, 2012

CLIENT SAMPLE ID

Project Name: Amherst College, Davis Hall

Project Number: 225406

Field Sample ID: Lab QC

SAMPLE DATA

Lab Sample ID: B041112PSOX2
Matrix: Soil
Percent Solid: 100
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 04/11/12
Analysis Date: 04/13/12

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	97	%
Decachlorobiphenyl	73	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.

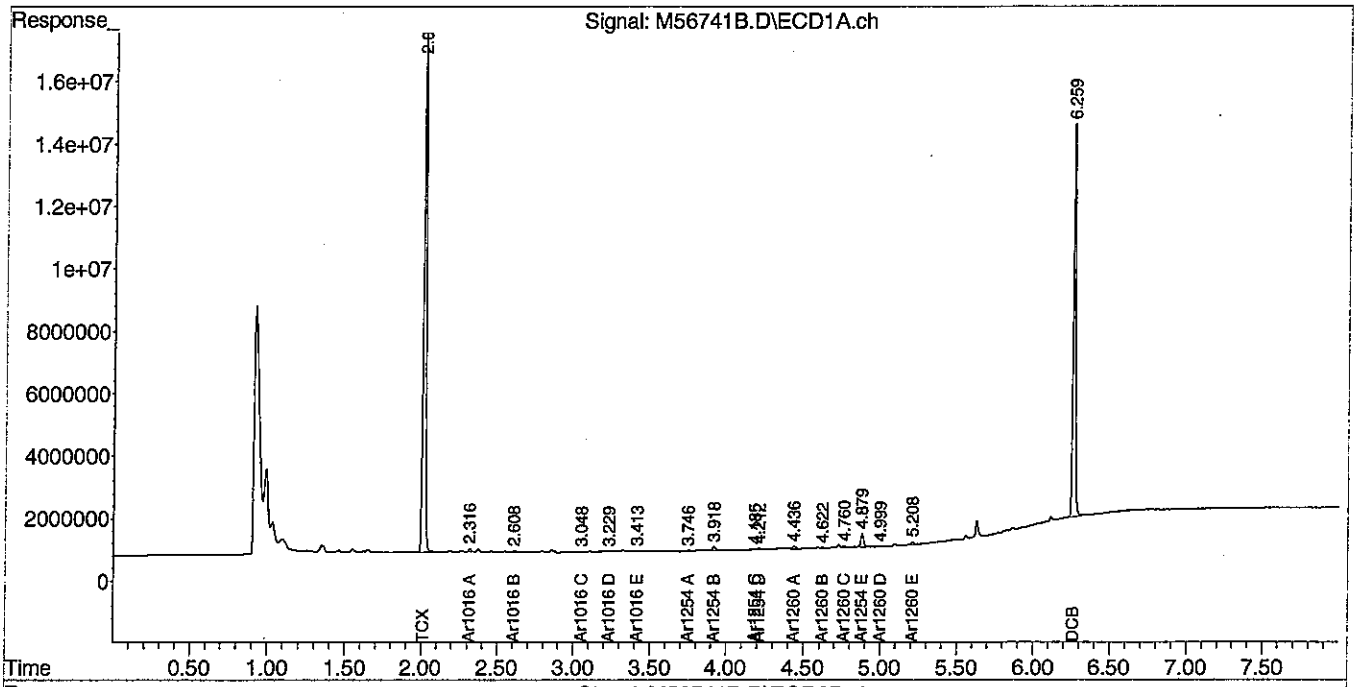
PCB Report

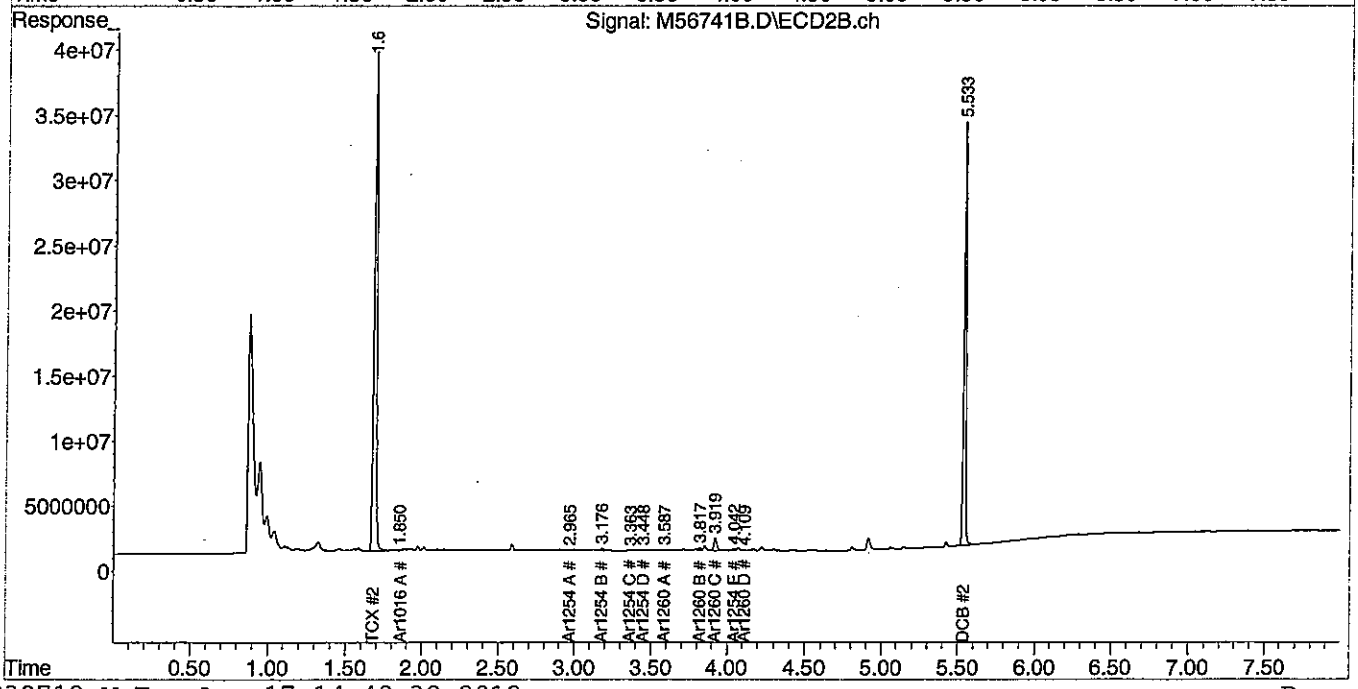
Authorized signature

Data Path : C:\msdchem\1\DATA\041312-M\
Data File : M56741B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Apr 2012 11:04 am
Operator : JK
Sample : B041112PSOX2,,A/C
Misc : SOIL
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 17 14:41:20 2012
Quant Method : C:\msdchem\1\METHODS\PCB032712.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Apr 11 02:27:43 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





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Andover MA 01810

April 16, 2012

CLIENT SAMPLE ID

Project Name: Amherst College, Davis Hall

Project Number: 225406

Field Sample ID: Lab QC

SAMPLE DATA

Lab Sample ID: B041212PSOX
Matrix: Soil
Percent Solid: 100
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 04/12/12
Analysis Date: 04/16/12

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	105	%
Decachlorobiphenyl	81	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.

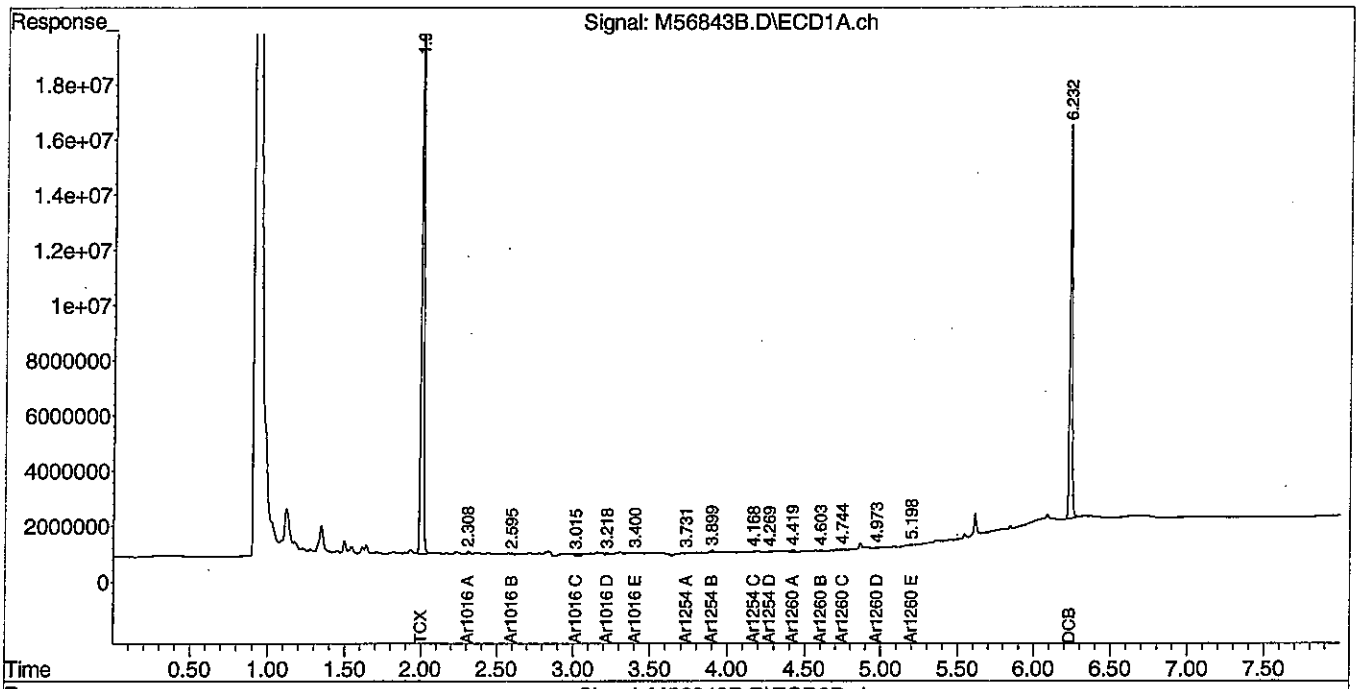
PCB Report

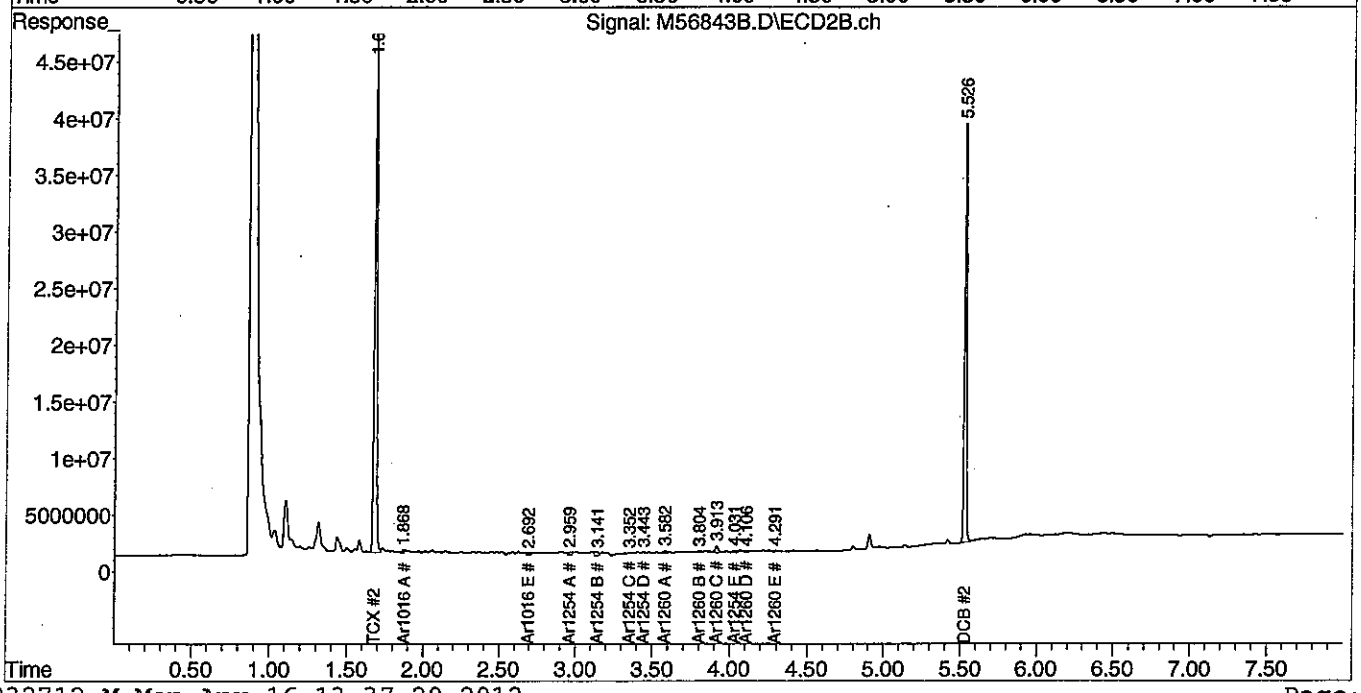
Authorized signature

Data Path : C:\msdchem\1\DATA\041612-M\
Data File : M56843B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Apr 2012 10:37 am
Operator : JK
Sample : B041212PSOX,,A/C
Misc : SOIL
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 16 13:37:28 2012
Quant Method : C:\msdchem\1\METHODS\PCB032712.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Apr 11 02:27:43 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





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April 18, 2012

CLIENT SAMPLE ID

Project Name: Amherst College, Davis Hall

Project Number: 225406

Field Sample ID: Lab QC

SAMPLE DATA

Lab Sample ID: B041712PW
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 04/17/12
Analysis Date: 04/17/12

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/L	Results µg/L
PCB-1016	0.2	U
PCB-1221	0.2	U
PCB-1232	0.2	U
PCB-1242	0.2	U
PCB-1248	0.2	U
PCB-1254	0.2	U
PCB-1260	0.2	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	91	%
Decachlorobiphenyl	80	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS:

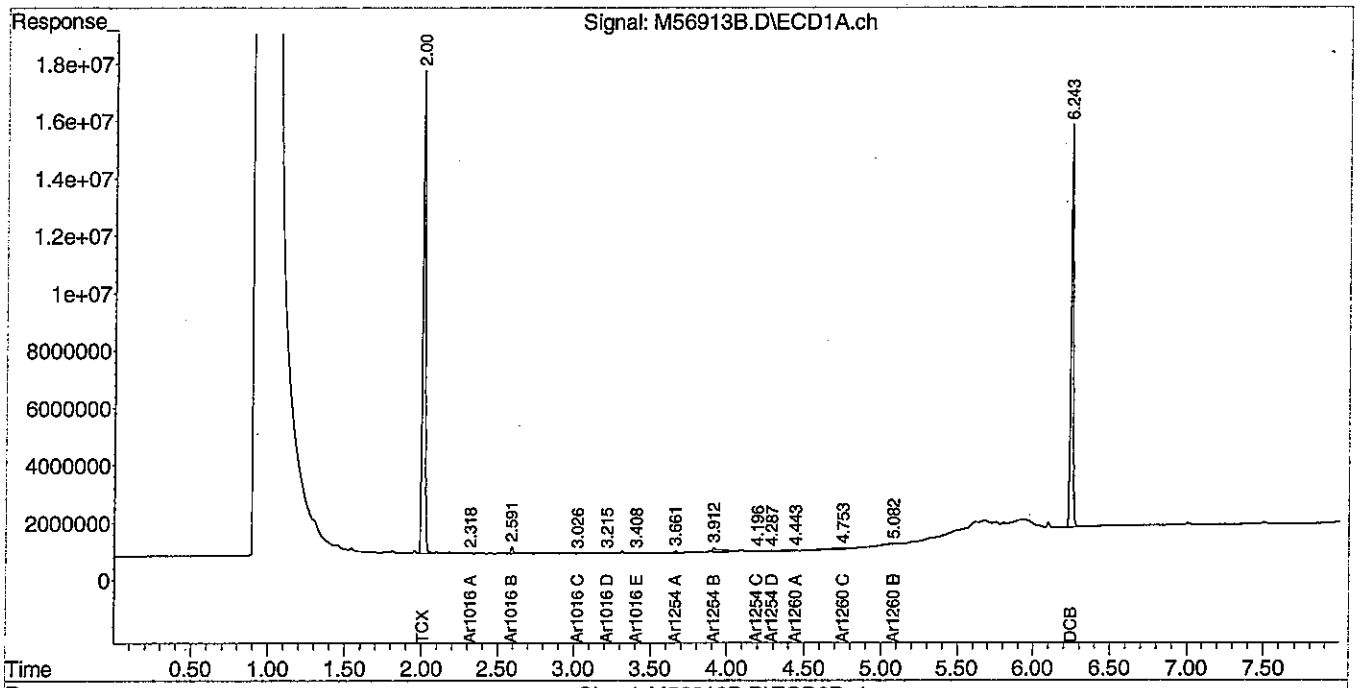
PCB Report

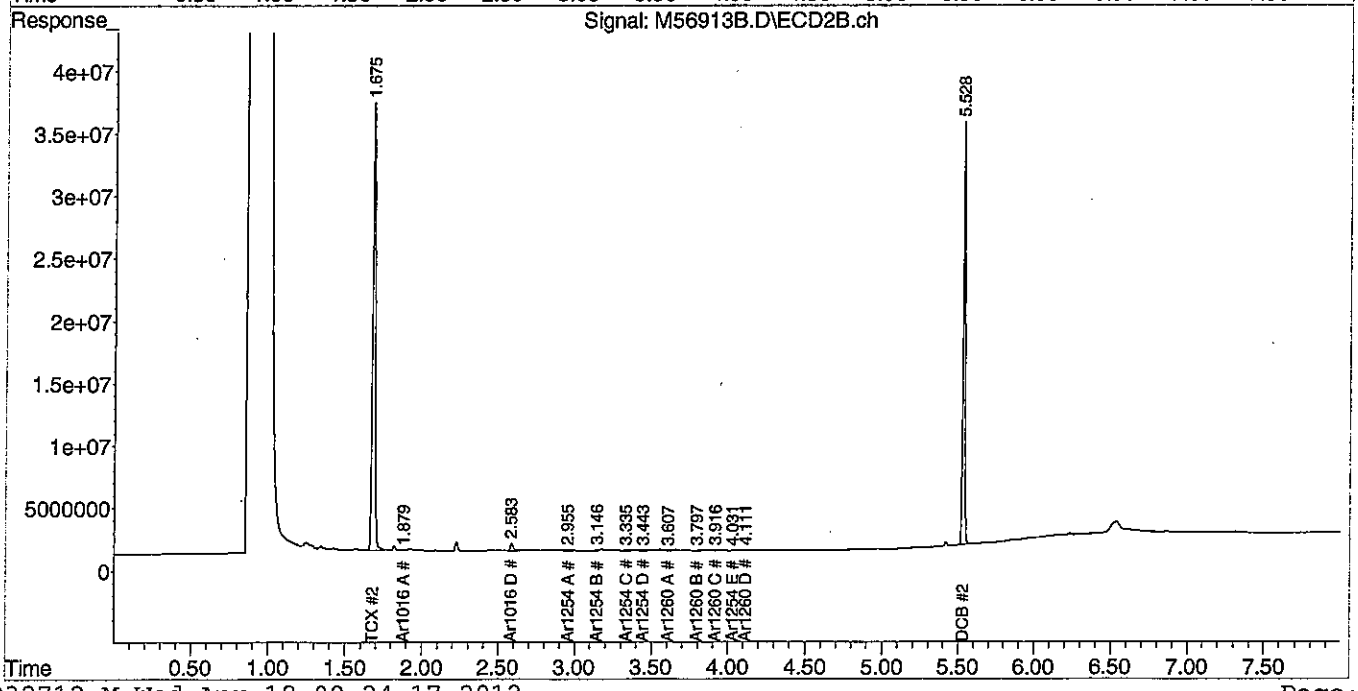
Authorized signature Jennifer Lewis

Data Path : C:\msdchem\1\DATA\041712-M\
Data File : M56913B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2012 11:35 pm
Operator : JK/AR
Sample : B041712PW
Misc :
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 18 09:15:04 2012
Quant Method : C:\msdchem\1\METHODS\PCB032712.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Apr 11 02:27:43 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





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April 16, 2012

CLIENT SAMPLE ID

Project Name: Amherst College, Davis Hall

Project Number: 225406

Field Sample ID: DH-VBC-019

SAMPLE DATA

Lab Sample ID: 72549-1
Matrix: Solid
Percent Solid: 95
Dilution Factor: 10
Collection Date: 04/10/12
Lab Receipt Date: 04/11/12
Extraction Date: 04/12/12
Analysis Date: 04/16/12

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	330	U
PCB-1221	330	U
PCB-1232	330	U
PCB-1242	330	U
PCB-1248	330	U
PCB-1254	330	**5940**
PCB-1260	330	**5250**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	102	%
Decachlorobiphenyl	75	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature 

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 72549
Sample: 72549-1,1:10,,A/C
Data File: M56857.D
Dilution Factor: 10.2

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	5247	4890	7.0	
PCB 1254	5941	5209	13.1	

Column to be used to flag RPD values greater than QC limit of 40%

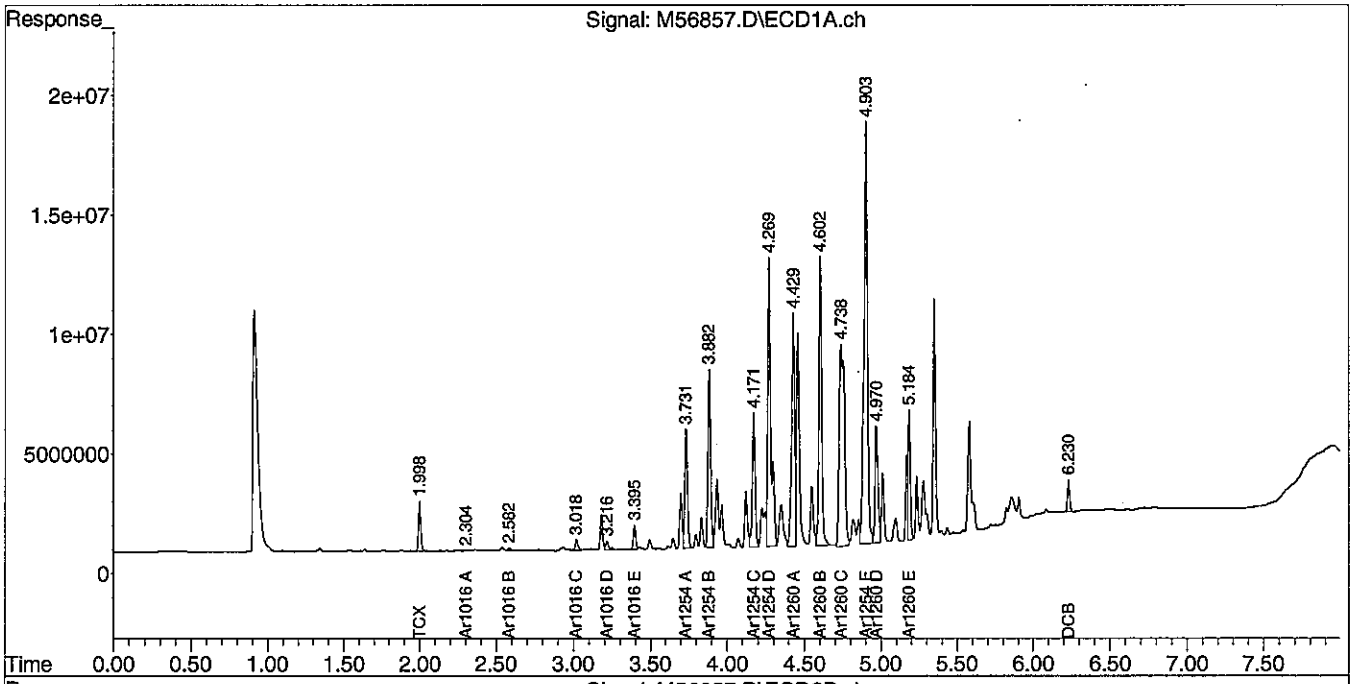
* Values outside QC limits

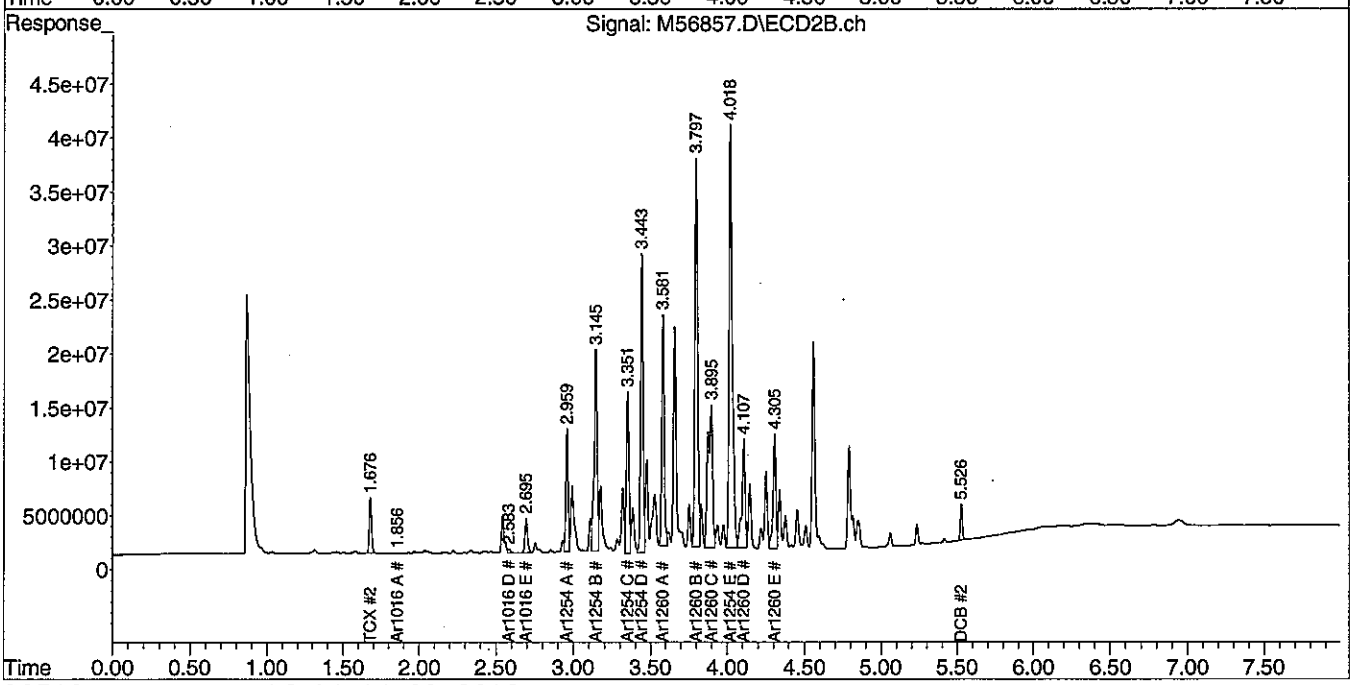
Comments: _____

Data Path : C:\msdchem\1\DATA\041612-M\
Data File : M56857.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Apr 2012 12:57 pm
Operator : JK
Sample : 72549-1,1:10,,A/C
Misc : SOIL
ALS Vial : 20 Sample Multiplier: 1

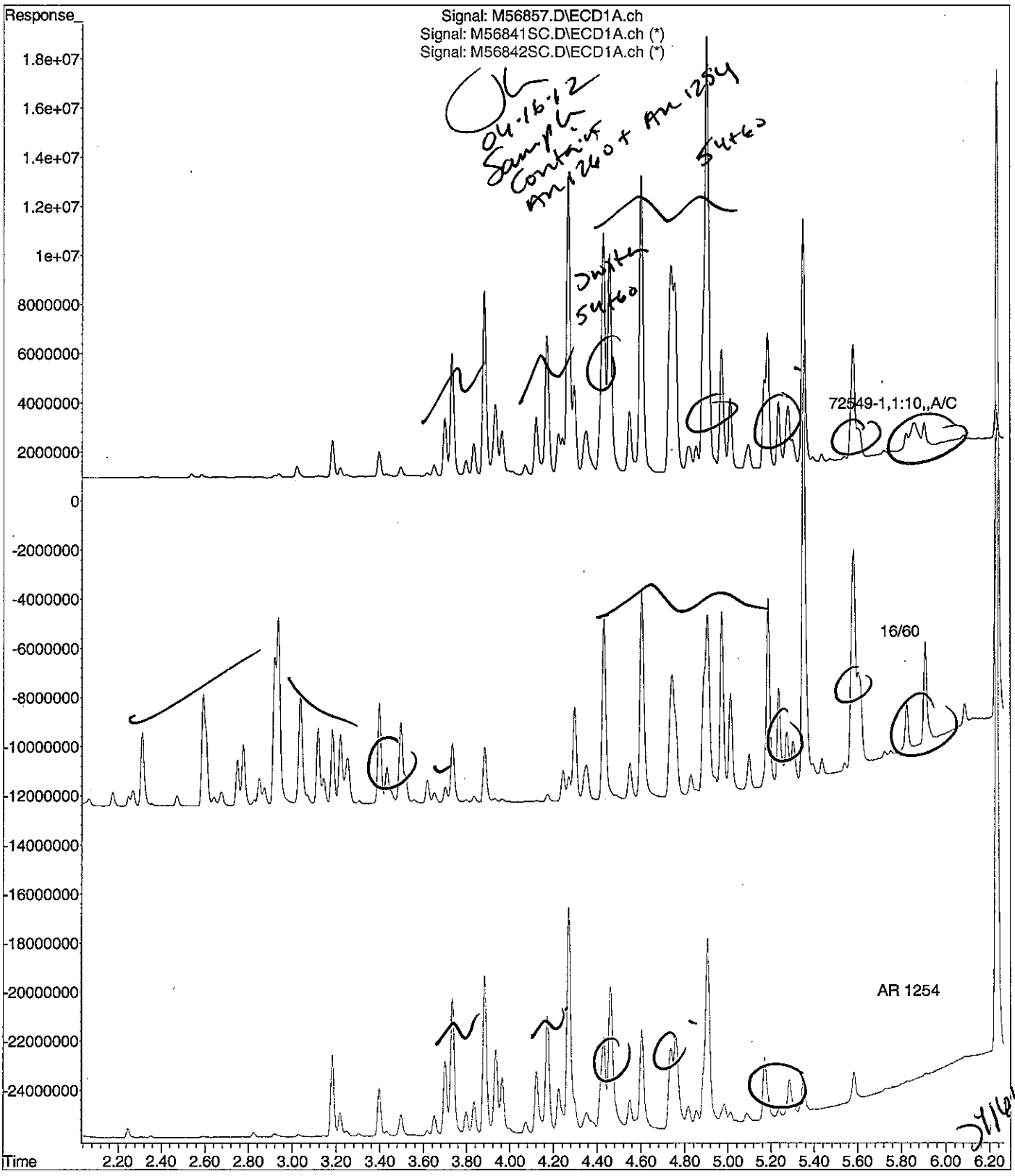
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 16 14:14:15 2012
Quant Method : C:\msdchem\1\METHODS\PCB032712.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Apr 11 02:27:43 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\041612-M\M56857.D
Operator : JK
Acquired : 16 Apr 2012 12:57 pm using AcqMethod PCB.M
Instrument : Instrument M
Sample Name: 72549-1,1:10,,A/C
Misc Info : SOIL
Vial Number: 20



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April 16, 2012

CLIENT SAMPLE ID

Project Name: Amherst College, Davis Hall

Project Number: 225406

Field Sample ID: DH-VBCD-020

SAMPLE DATA

Lab Sample ID: 72549-2
Matrix: Solid
Percent Solid: 93
Dilution Factor: 10
Collection Date: 04/10/12
Lab Receipt Date: 04/11/12
Extraction Date: 04/12/12
Analysis Date: 04/16/12

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	330	U
PCB-1221	330	U
PCB-1232	330	U
PCB-1242	330	U
PCB-1248	330	U
PCB-1254	330	**6200**
PCB-1260	330	**5500**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	103	%
Decachlorobiphenyl	78	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 72549
Sample: 72549-2,1:10,,A/C
Data File: M56858.D
Dilution Factor: 9.8

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	5501	5076	8.0	
PCB 1254	6200	5382	14.1	

Column to be used to flag RPD values greater than QC limit of 40%

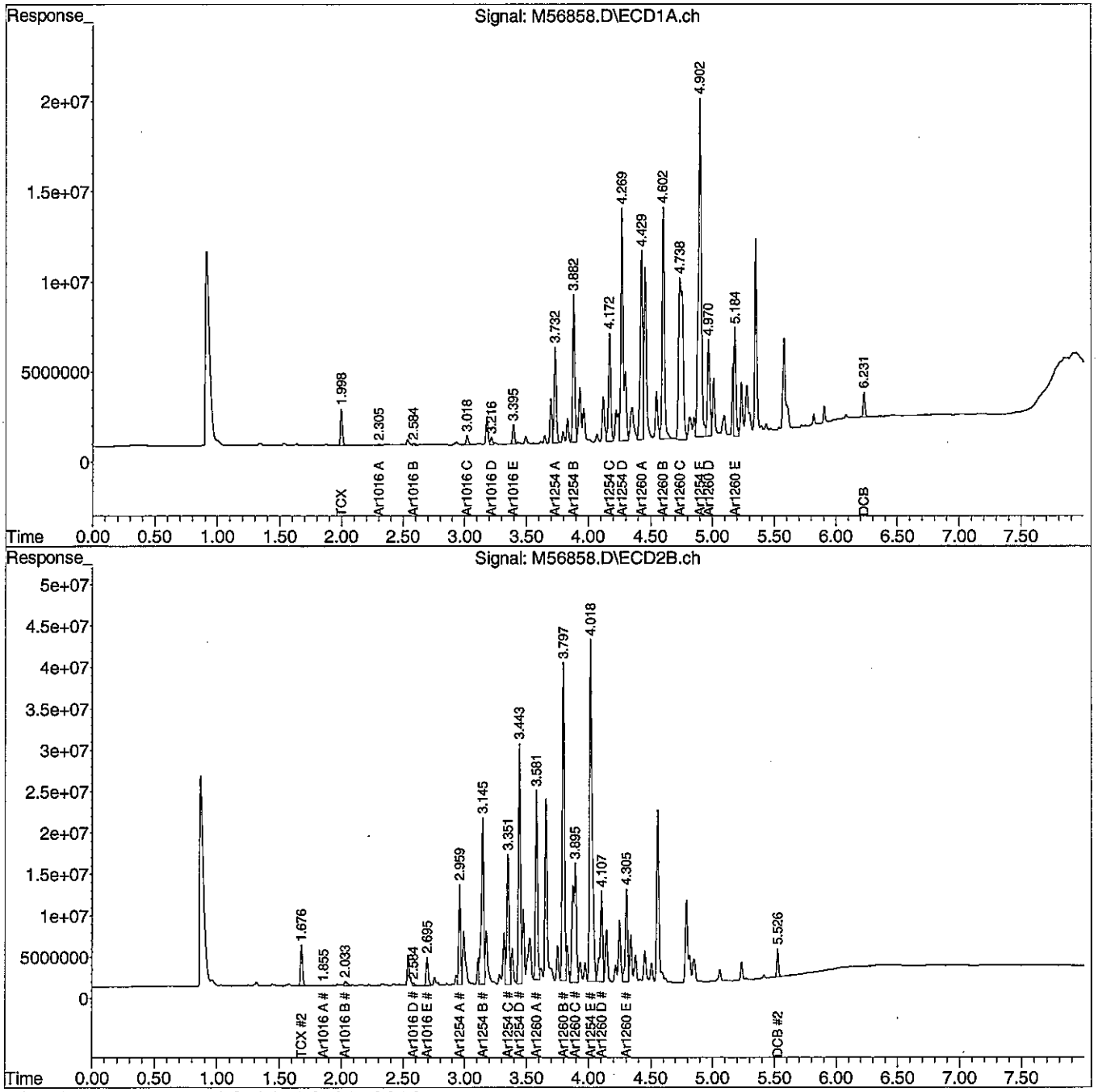
* Values outside QC limits

Comments: _____

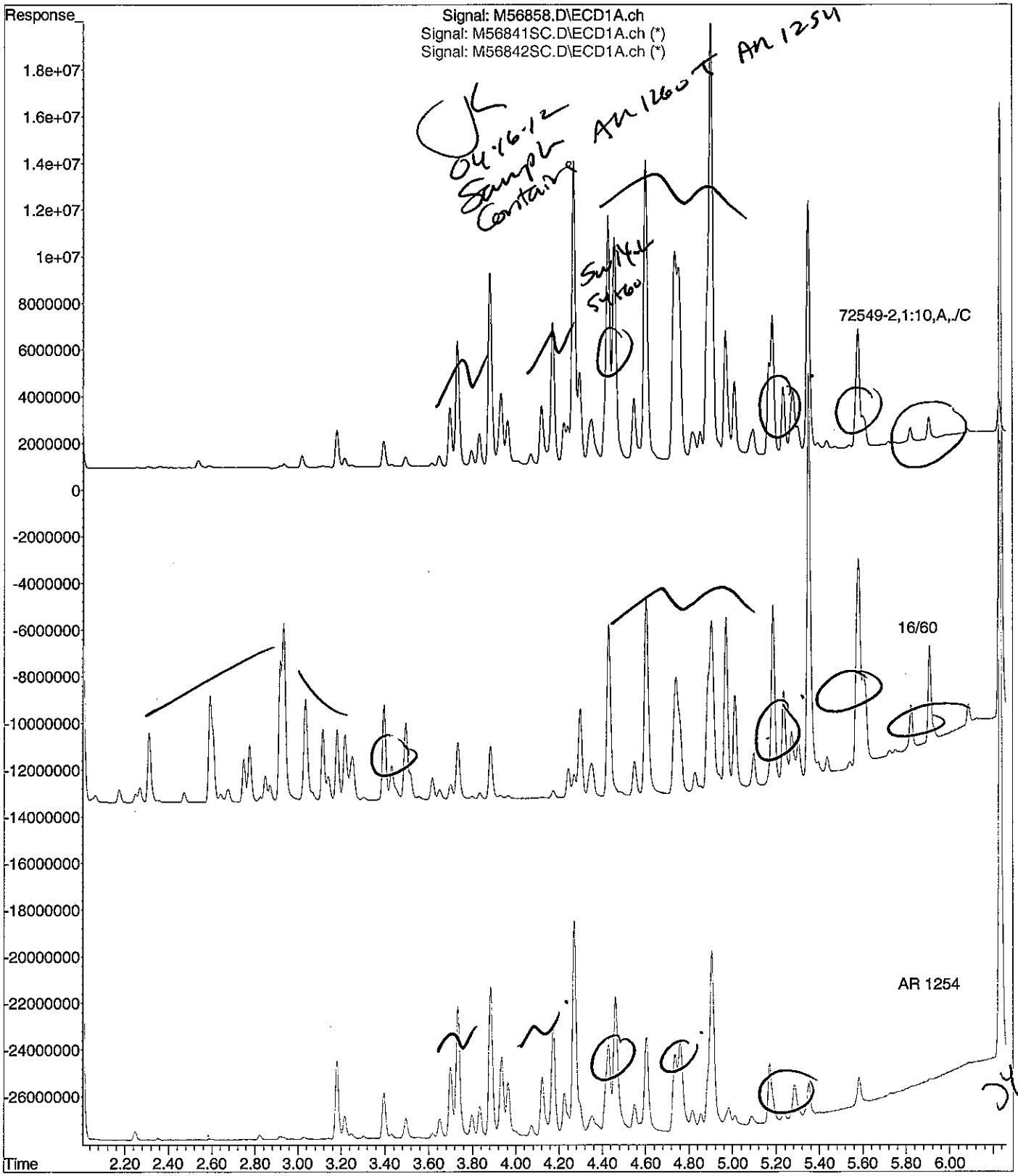
Data Path : C:\msdchem\1\DATA\041612-M\
Data File : M56858.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Apr 2012 1:07 pm
Operator : JK
Sample : 72549-2,1:10,,A/C
Misc : SOIL
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 16 14:15:52 2012
Quant Method : C:\msdchem\1\METHODS\PCB032712.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Apr 11 02:27:43 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um



File :C:\msdchem\1\DATA\041612-M\M56858.D
Operator : JK
Acquired : 16 Apr 2012 1:07 pm using AcqMethod PCB.M
Instrument : Instrument M
Sample Name: 72549-2,1:10,,A/C
Misc Info : SOIL
Vial Number: 21



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April 17, 2012

CLIENT SAMPLE ID

Project Name: Amherst College, Davis Hall

Project Number: 225406

Field Sample ID: DH-VBB-021

SAMPLE DATA

Lab Sample ID: 72549-3
Matrix: Solid
Percent Solid: 95
Dilution Factor: 1.0
Collection Date: 04/10/12
Lab Receipt Date: 04/11/12
Extraction Date: 04/12/12
Analysis Date: 04/13/12

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**182**
PCB-1260	33	**189**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	103	%
Decachlorobiphenyl	78	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 72549
Sample: 72549-3,,A/C
Data File: M56746.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	189	171	9.9	
PCB 1254	182	148	20.9	

Column to be used to flag RPD values greater than QC limit of 40%

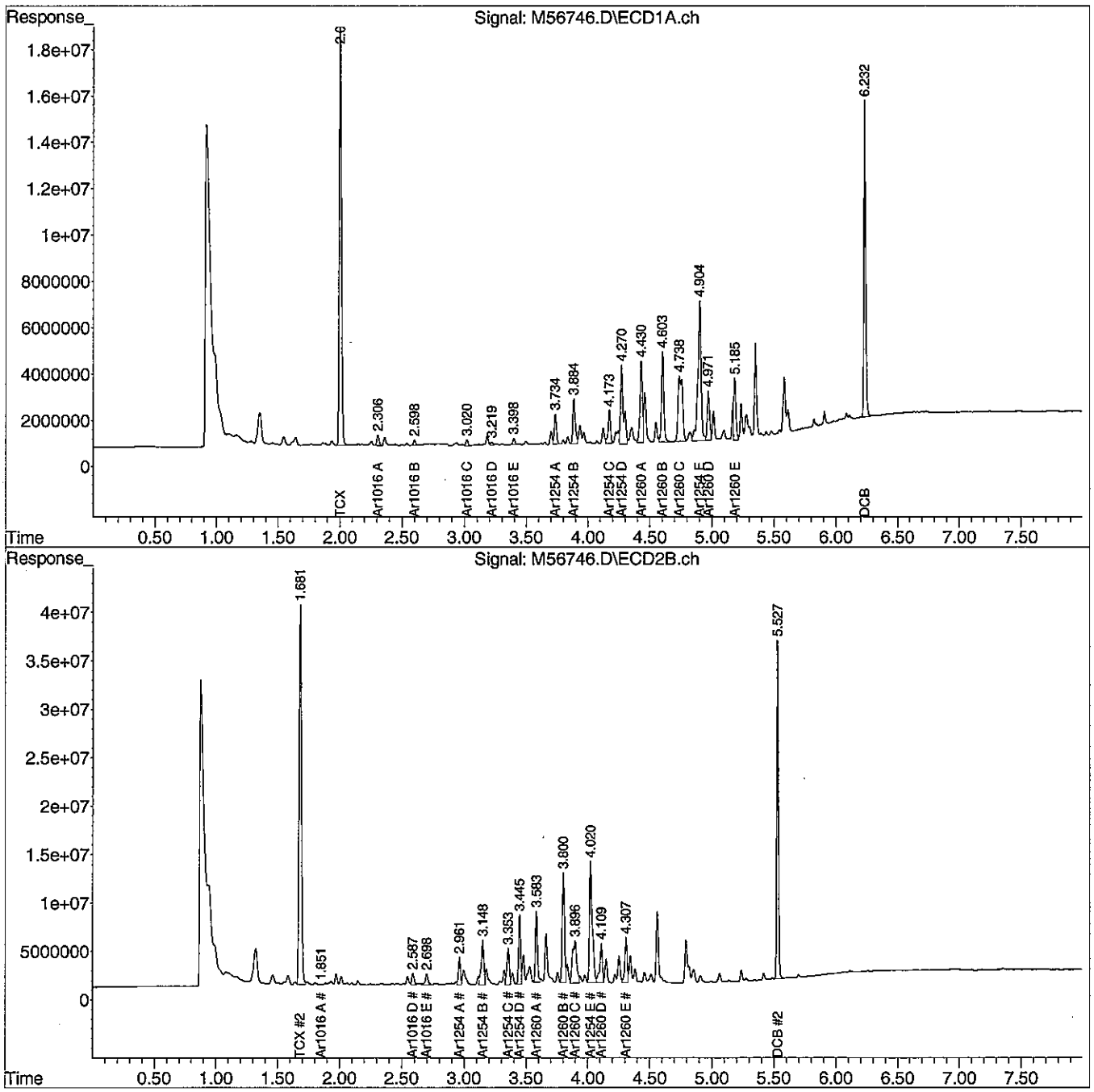
* Values outside QC limits

Comments: _____

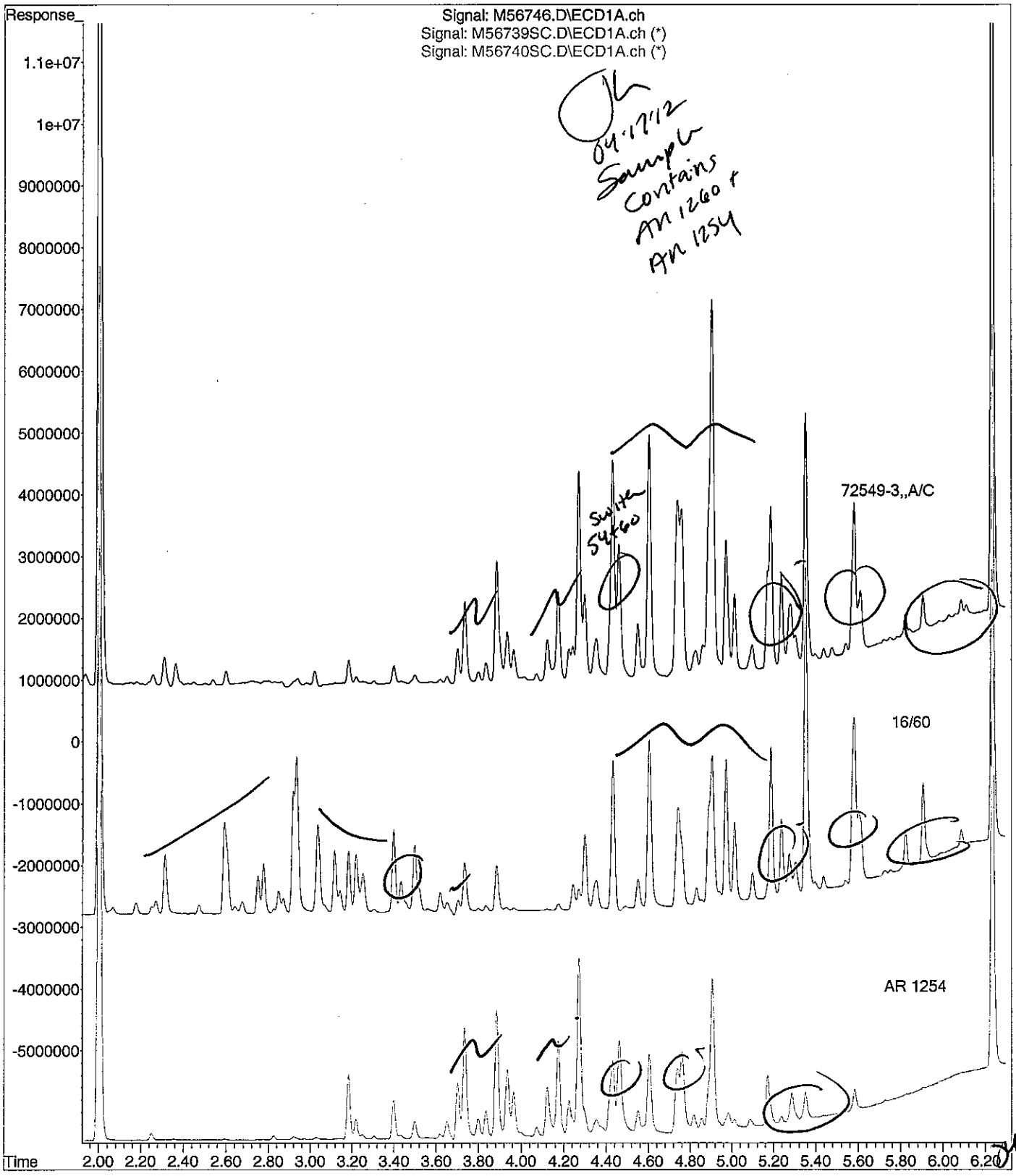
Data Path : C:\msdchem\1\DATA\041312-M\
Data File : M56746.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Apr 2012 11:54 am
Operator : JK
Sample : 72549-3,,A/C
Misc : SOIL
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 17 15:04:37 2012
Quant Method : C:\msdchem\1\METHODS\PCB032712.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Apr 11 02:27:44 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um



File :C:\msdchem\1\DATA\041312-M\M56746.D
Operator : JK
Acquired : 13 Apr 2012 11:54 am using AcqMethod PCB.M
Instrument : Instrument M
Sample Name: 72549-3,,A/C
Misc Info : SOIL
Vial Number: 11



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April 17, 2012

CLIENT SAMPLE ID

Project Name: Amherst College, Davis Hall

Project Number: 225406

Field Sample ID: DH-VBB-022

SAMPLE DATA

Lab Sample ID: 72549-4
Matrix: Solid
Percent Solid: 95
Dilution Factor: 1.0
Collection Date: 04/10/12
Lab Receipt Date: 04/11/12
Extraction Date: 04/12/12
Analysis Date: 04/13/12

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**45**
PCB-1260	33	**49**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	96	%
Decachlorobiphenyl	72	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 72549
Sample: 72549-4,,A/C
Data File: M56748.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	49	45	8.5	
PCB 1254	45	41	8.3	

Column to be used to flag RPD values greater than QC limit of 40%

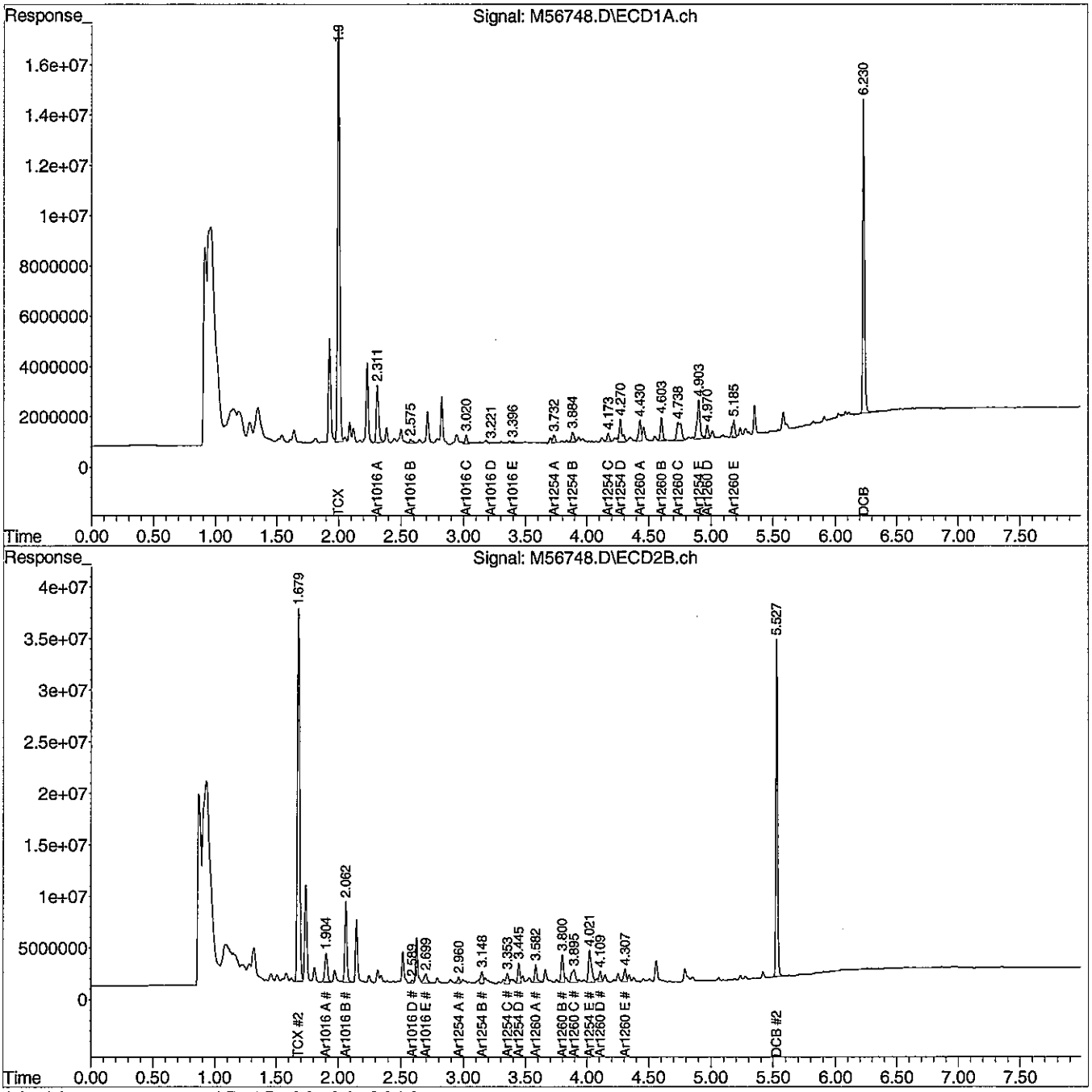
* Values outside QC limits

Comments: _____

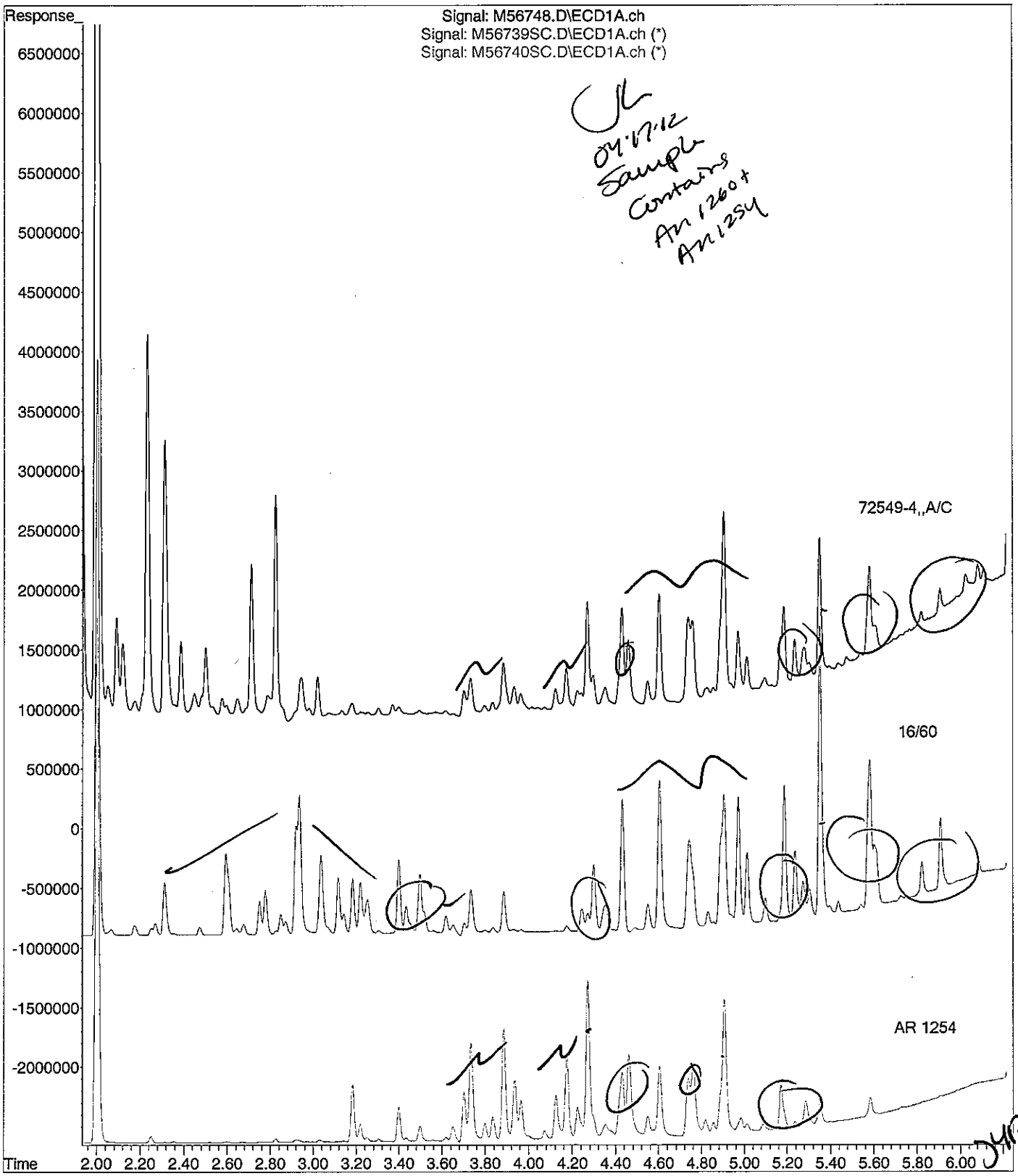
Data Path : C:\msdchem\1\DATA\041312-M\
Data File : M56748.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Apr 2012 12:14 pm
Operator : JK
Sample : 72549-4,,A/C
Misc : SOIL
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 17 15:07:53 2012
Quant Method : C:\msdchem\1\METHODS\PCB032712.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Apr 11 02:27:44 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um



File :C:\msdchem\1\DATA\041312-M\M56748.D
Operator : JK
Acquired : 13 Apr 2012 12:14 pm using AcqMethod PCB.M
Instrument : Instrument M
Sample Name: 72549-4,,A/C
Misc Info : SOIL
Vial Number: 13



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April 17, 2012

CLIENT SAMPLE ID

Project Name: Amherst College, Davis Hall

Project Number: 225406

Field Sample ID: DH-VBB-023

SAMPLE DATA

Lab Sample ID: 72549-5
Matrix: Solid
Percent Solid: 90
Dilution Factor: 1.1
Collection Date: 04/10/12
Lab Receipt Date: 04/11/12
Extraction Date: 04/12/12
Analysis Date: 04/13/12

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	**105**
PCB-1260	36	**131**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	96	%
Decachlorobiphenyl	72	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 72549
Sample: 72549-5,,A/C
Data File: M56749.D
Dilution Factor: 1.1

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	131	119	9.5	
PCB 1254	105	92	13.5	

Column to be used to flag RPD values greater than QC limit of 40%

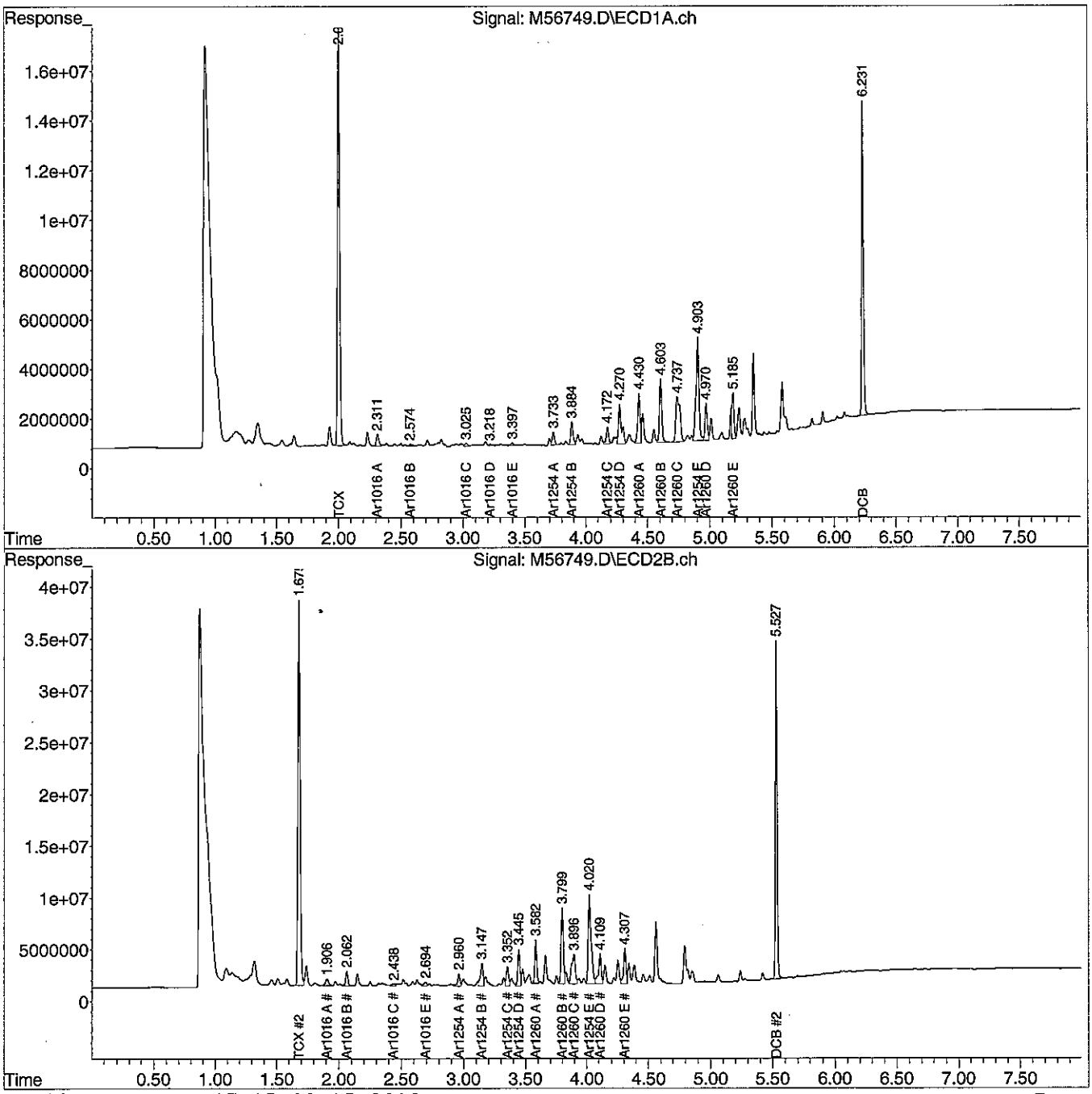
* Values outside QC limits

Comments: _____

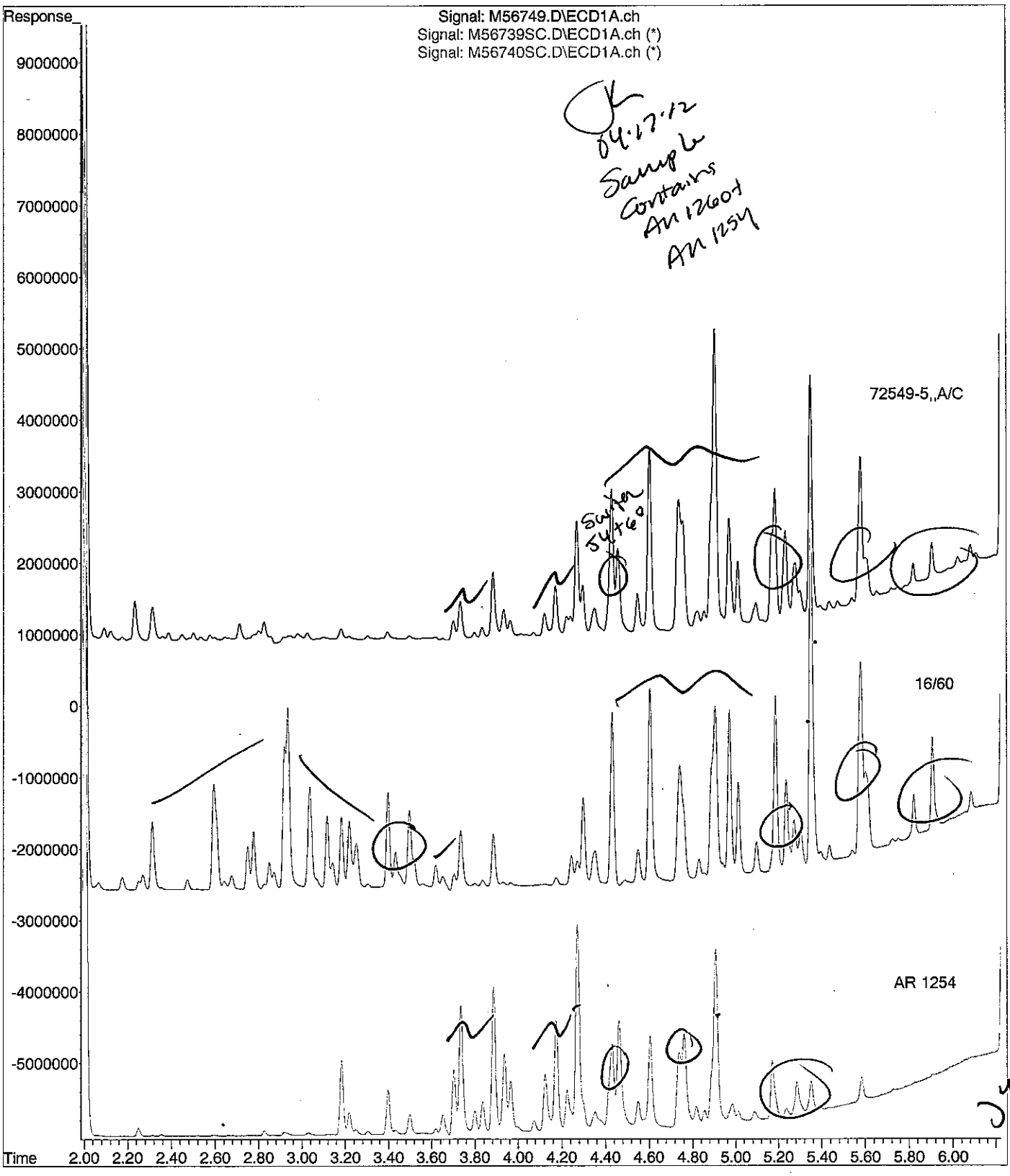
Data Path : C:\msdchem\1\DATA\041312-M\
Data File : M56749.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Apr 2012 12:24 pm
Operator : JK
Sample : 72549-5,,A/C
Misc : SOIL
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 17 15:09:04 2012
Quant Method : C:\msdchem\1\METHODS\PCB032712.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Apr 11 02:27:44 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um



File :C:\msdchem\1\DATA\041312-M\M56749.D
Operator : JK
Acquired : 13 Apr 2012 12:24 pm using AcqMethod PCB.M
Instrument : Instrument M
Sample Name: 72549-5,,A/C
Misc Info : SOIL
Vial Number: 14



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April 17, 2012

CLIENT SAMPLE ID

Project Name: Amherst College, Davis Hall

Project Number: 225406

Field Sample ID: DH-VBB-024

SAMPLE DATA

Lab Sample ID: 72549-6
Matrix: Solid
Percent Solid: 84
Dilution Factor: 1.1
Collection Date: 04/10/12
Lab Receipt Date: 04/11/12
Extraction Date: 04/12/12
Analysis Date: 04/13/12

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	**111**
PCB-1260	36	**117**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	98	%
Decachlorobiphenyl	74	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 72549
Sample: 72549-6,,A/C
Data File: M56750.D
Dilution Factor: 1.1

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	117	103	12.4	
PCB 1254	111	97	13.6	

Column to be used to flag RPD values greater than QC limit of 40%

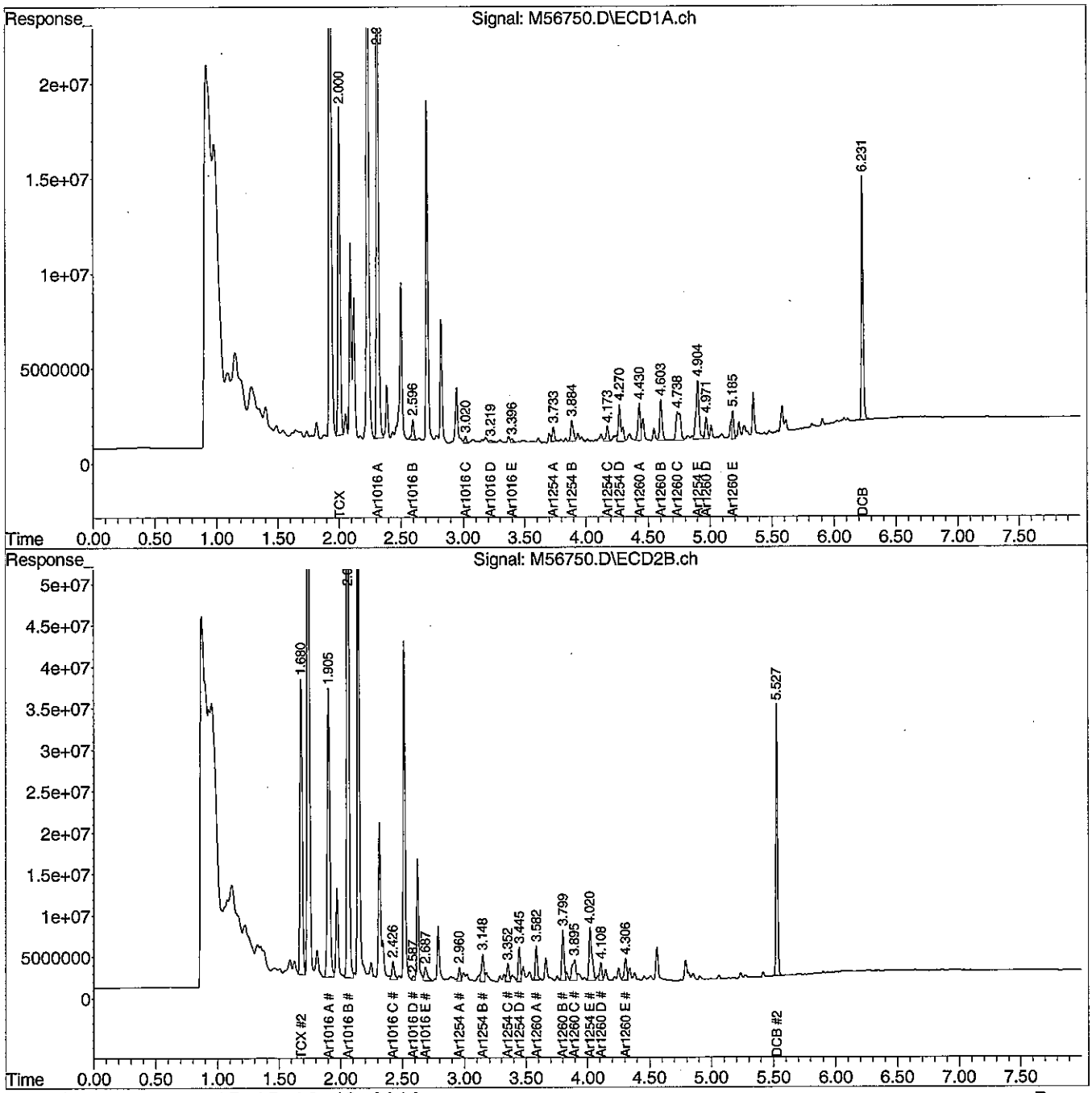
* Values outside QC limits

Comments: _____

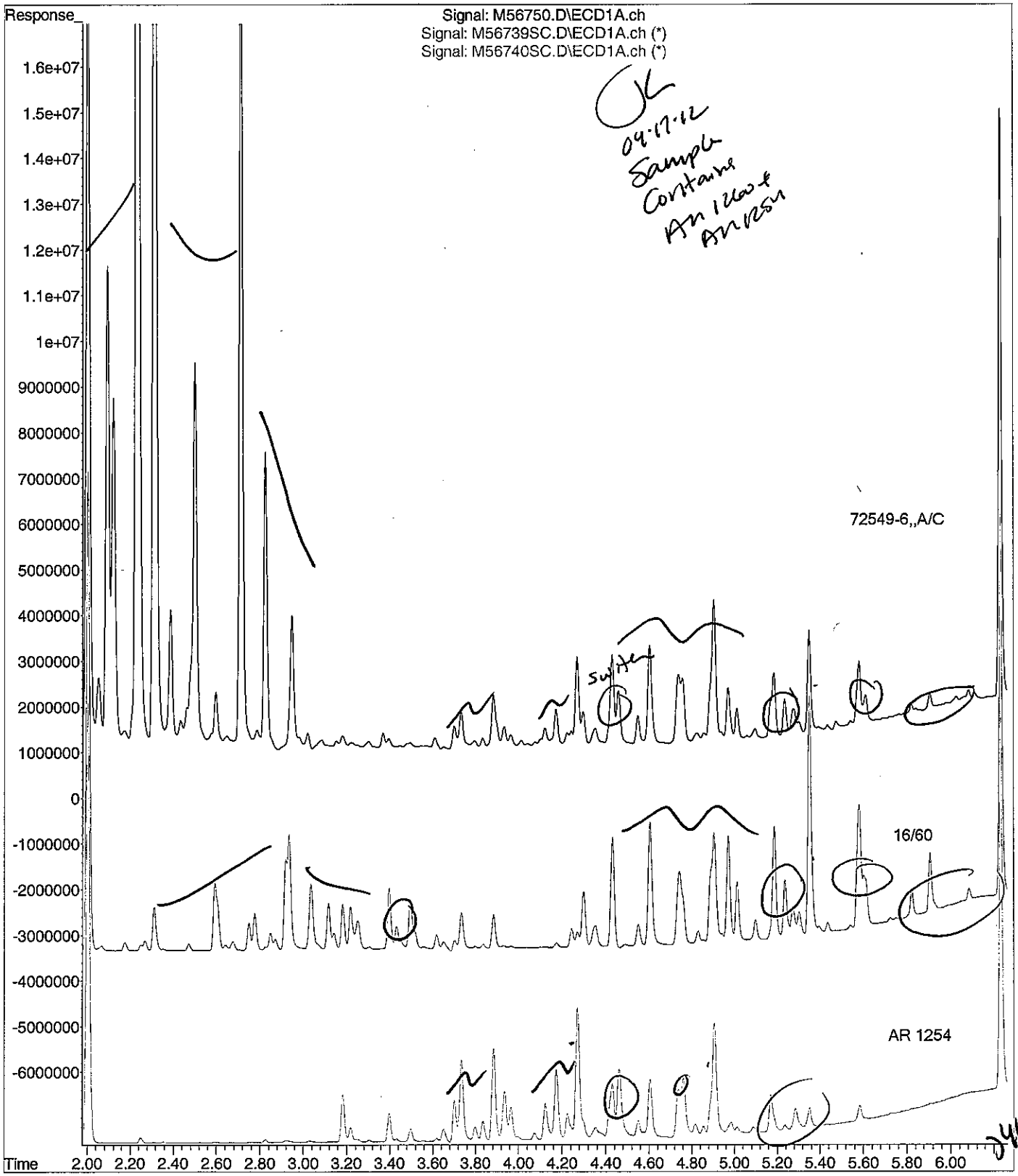
Data Path : C:\msdchem\1\DATA\041312-M\
Data File : M56750.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Apr 2012 12:34 pm
Operator : JK
Sample : 72549-6,,A/C
Misc : SOIL
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 17 15:10:35 2012
Quant Method : C:\msdchem\1\METHODS\PCB032712.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Apr 11 02:27:44 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um



File :C:\msdchem\1\DATA\041312-M\M56750.D
Operator : JK
Acquired : 13 Apr 2012 12:34 pm using AcqMethod PCB.M
Instrument : Instrument M
Sample Name: 72549-6,,A/C
Misc Info : SOIL
Vial Number: 15



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April 17, 2012

CLIENT SAMPLE ID

Project Name: Amherst College, Davis Hall

Project Number: 225406

Field Sample ID: DH-VBB-025

SAMPLE DATA

Lab Sample ID: 72549-7
Matrix: Solid
Percent Solid: 87
Dilution Factor: 1.1
Collection Date: 04/10/12
Lab Receipt Date: 04/11/12
Extraction Date: 04/12/12
Analysis Date: 04/13/12

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	**78**
PCB-1260	36	**98**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	97	%
Decachlorobiphenyl	73	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 72549
Sample: 72549-7,,A/C
Data File: M56751.D
Dilution Factor: 1.1

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	98	92	6.6	
PCB 1254	78	69	11.8	

Column to be used to flag RPD values greater than QC limit of 40%

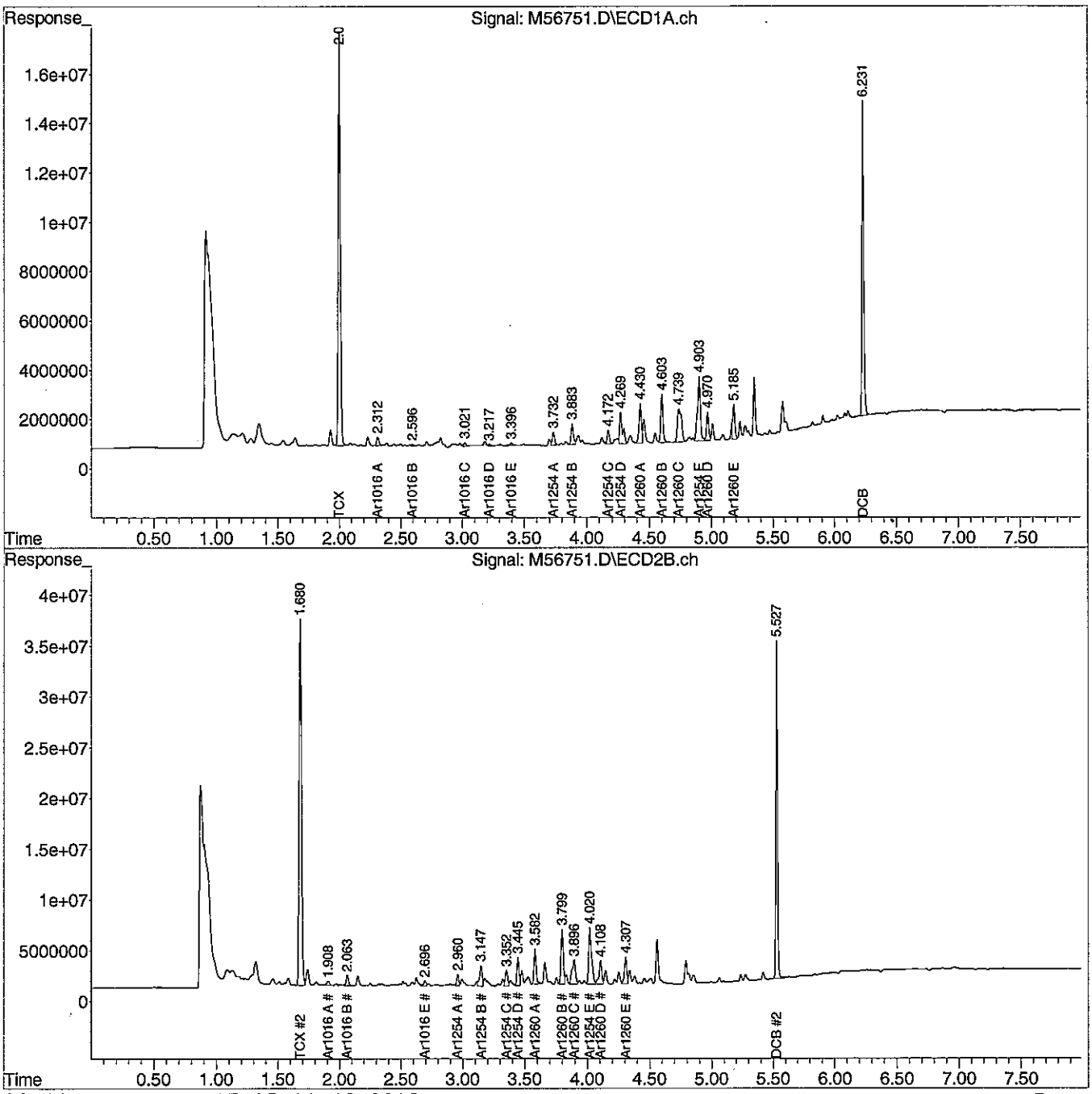
* Values outside QC limits

Comments: _____

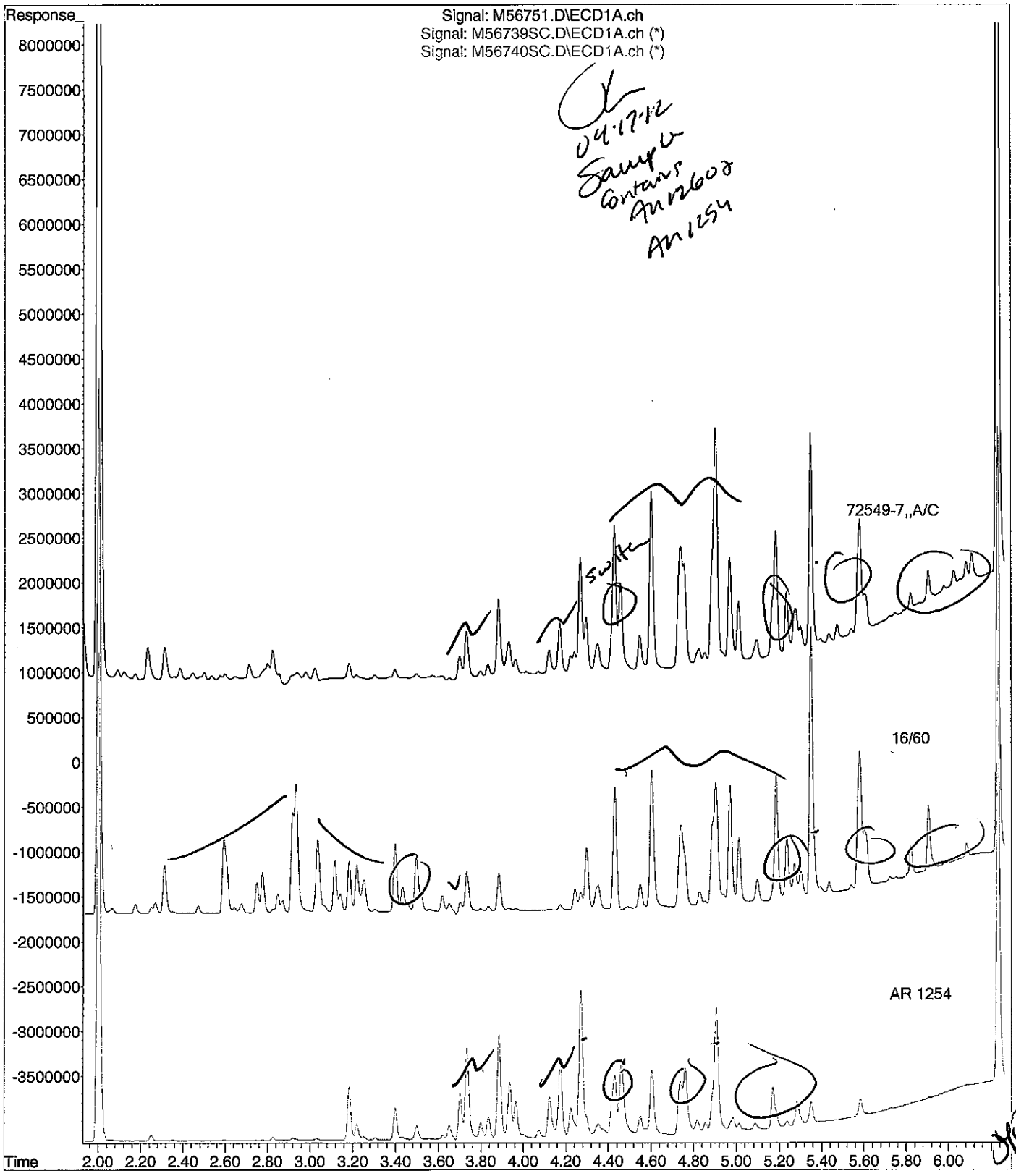
Data Path : C:\msdchem\1\DATA\041312-M\
Data File : M56751.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Apr 2012 12:44 pm
Operator : JK
Sample : 72549-7,,A/C
Misc : SOIL
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 17 15:11:39 2012
Quant Method : C:\msdchem\1\METHODS\PCB032712.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Apr 11 02:27:44 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um



File :C:\msdchem\1\DATA\041312-M\M56751.D
Operator : JK
Acquired : 13 Apr 2012 12:44 pm using AcqMethod PCB.M
Instrument : Instrument M
Sample Name: 72549-7,,A/C
Misc Info : SOIL
Vial Number: 16



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April 17, 2012

CLIENT SAMPLE ID

Project Name: Amherst College, Davis Hall

Project Number: 225406

Field Sample ID: DH-VBB-026

SAMPLE DATA

Lab Sample ID: 72549-8
Matrix: Solid
Percent Solid: 93
Dilution Factor: 1.0
Collection Date: 04/10/12
Lab Receipt Date: 04/11/12
Extraction Date: 04/12/12
Analysis Date: 04/13/12

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**437**
PCB-1260	33	**464**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	97	%
Decachlorobiphenyl	76	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 72549
Sample: 72549-8,,A/C
Data File: M56752.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	464	408	12.7	
PCB 1254	437	369	17.0	

Column to be used to flag RPD values greater than QC limit of 40%

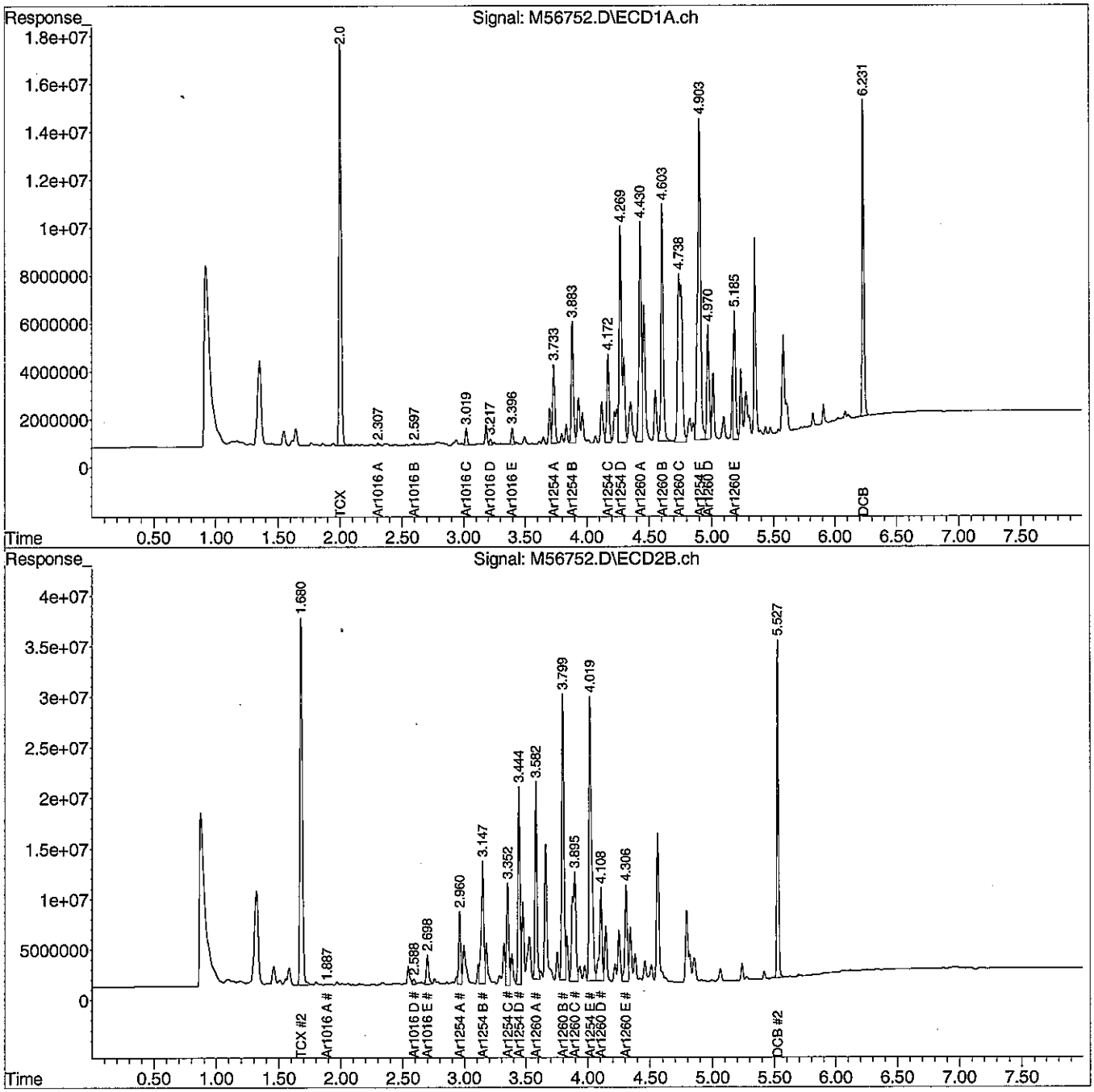
* Values outside QC limits

Comments: _____

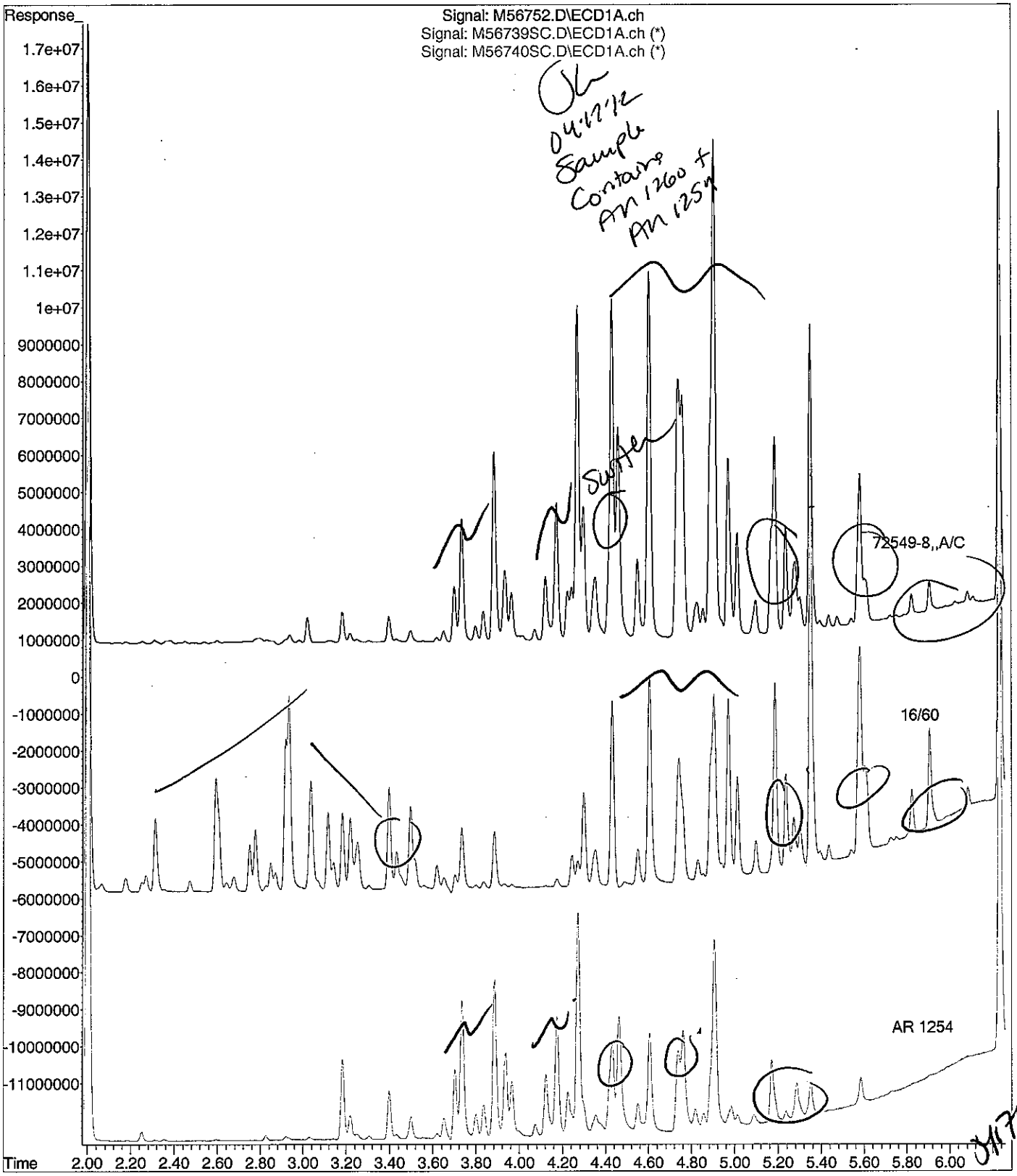
Data Path : C:\msdchem\1\DATA\041312-M\
Data File : M56752.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Apr 2012 12:54 pm
Operator : JK
Sample : 72549-8,,A/C
Misc : SOIL
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 17 15:13:38 2012
Quant Method : C:\msdchem\1\METHODS\PCB032712.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Apr 11 02:27:44 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um



File :C:\msdchem\1\DATA\041312-M\M56752.D
Operator : JK
Acquired : 13 Apr 2012 12:54 pm using AcqMethod PCB.M
Instrument : Instrument M
Sample Name: 72549-8,,A/C
Misc Info : SOIL
Vial Number: 17



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April 17, 2012

CLIENT SAMPLE ID

Project Name: Amherst College, Davis Hall

Project Number: 225406

Field Sample ID: DH-VBB-027

SAMPLE DATA

Lab Sample ID: 72549-9
Matrix: Solid
Percent Solid: 96
Dilution Factor: 1.0
Collection Date: 04/10/12
Lab Receipt Date: 04/11/12
Extraction Date: 04/12/12
Analysis Date: 04/13/12

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**92**
PCB-1260	33	**103**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	96	%
Decachlorobiphenyl	75	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 72549
Sample: 72549-9,,A/C
Data File: M56753.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	103	96	7.2	
PCB 1254	92	79	15.2	

Column to be used to flag RPD values greater than QC limit of 40%

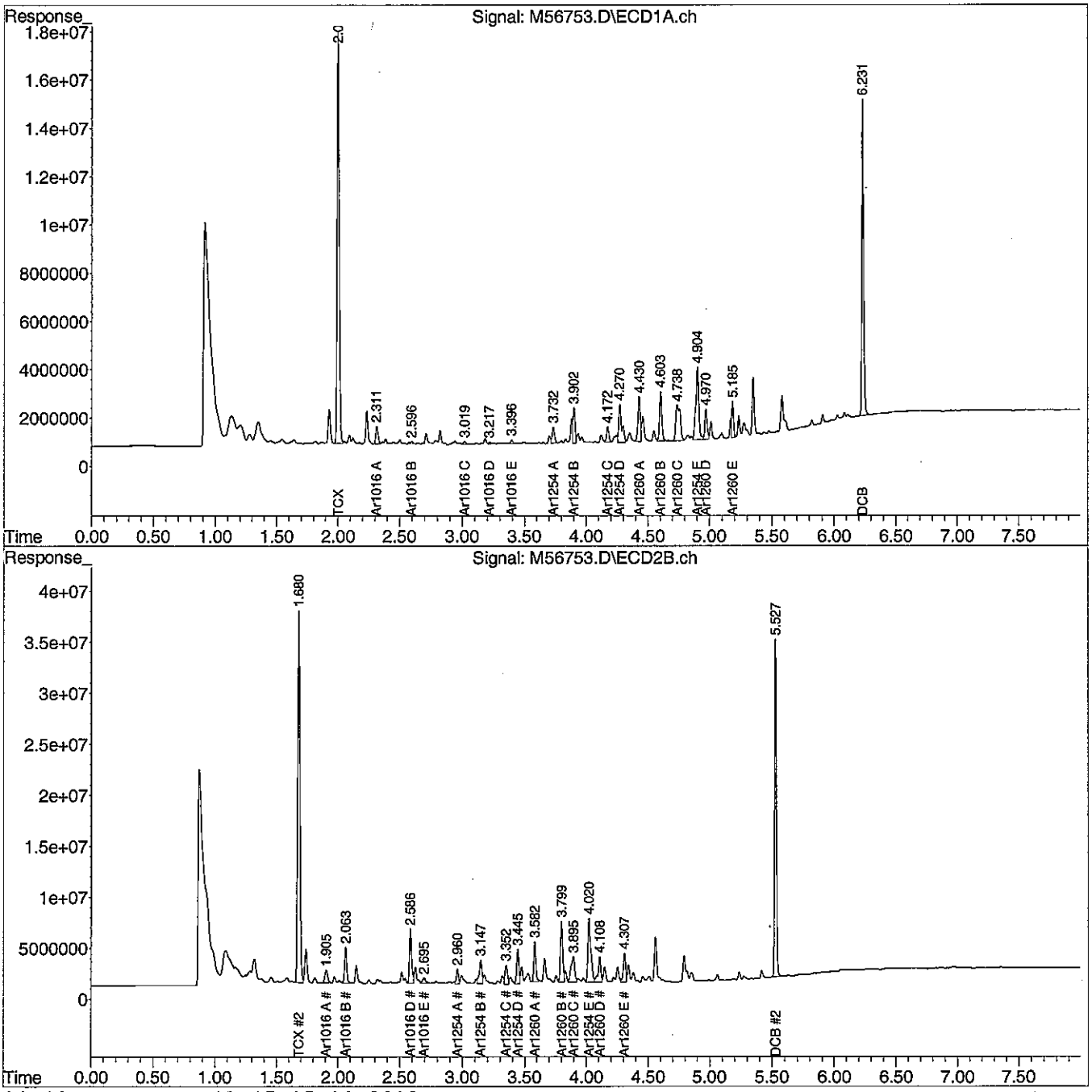
* Values outside QC limits

Comments: _____

Data Path : C:\msdchem\1\DATA\041312-M\
Data File : M56753.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Apr 2012 1:04 pm
Operator : JK
Sample : 72549-9,,A/C
Misc : SOIL
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 17 15:15:01 2012
Quant Method : C:\msdchem\1\METHODS\PCB032712.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Apr 11 02:27:44 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um



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April 17, 2012

CLIENT SAMPLE ID

Project Name: Amherst College, Davis Hall

Project Number: 225406

Field Sample ID: DH-VBB-028

SAMPLE DATA

Lab Sample ID: 72549-10
Matrix: Solid
Percent Solid: 100
Dilution Factor: 0.9
Collection Date: 04/10/12
Lab Receipt Date: 04/11/12
Extraction Date: 04/12/12
Analysis Date: 04/13/12

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	30	U
PCB-1221	30	U
PCB-1232	30	U
PCB-1242	30	U
PCB-1248	30	U
PCB-1254	30	**99**
PCB-1260	30	**107**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	95	%
Decachlorobiphenyl	75	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 72549
Sample: 72549-10,,A/C
Data File: M56754.D
Dilution Factor: 0.9

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	107	102	4.8	
PCB 1254	99	79	22.4	

Column to be used to flag RPD values greater than QC limit of 40%

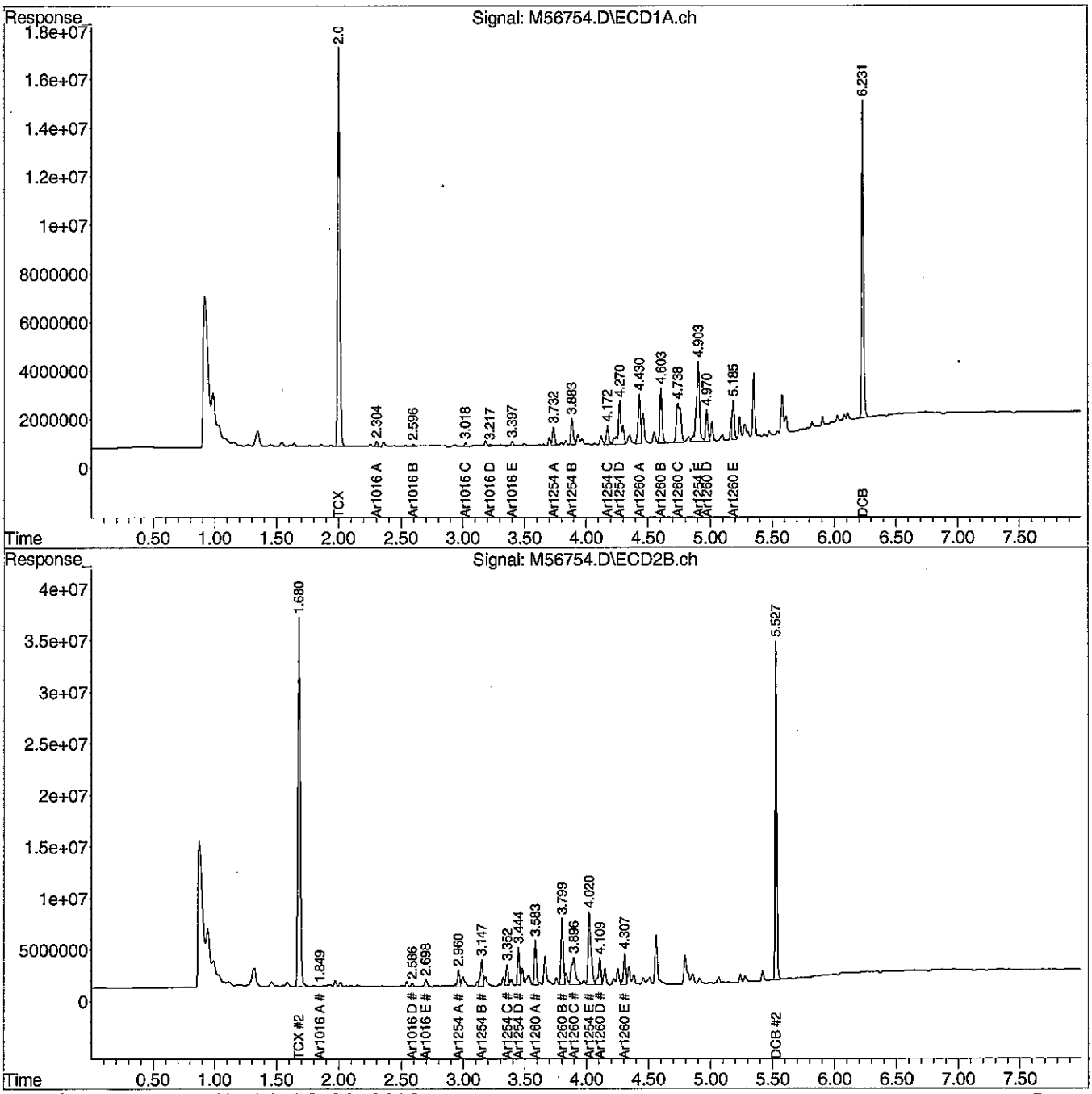
* Values outside QC limits

Comments: _____

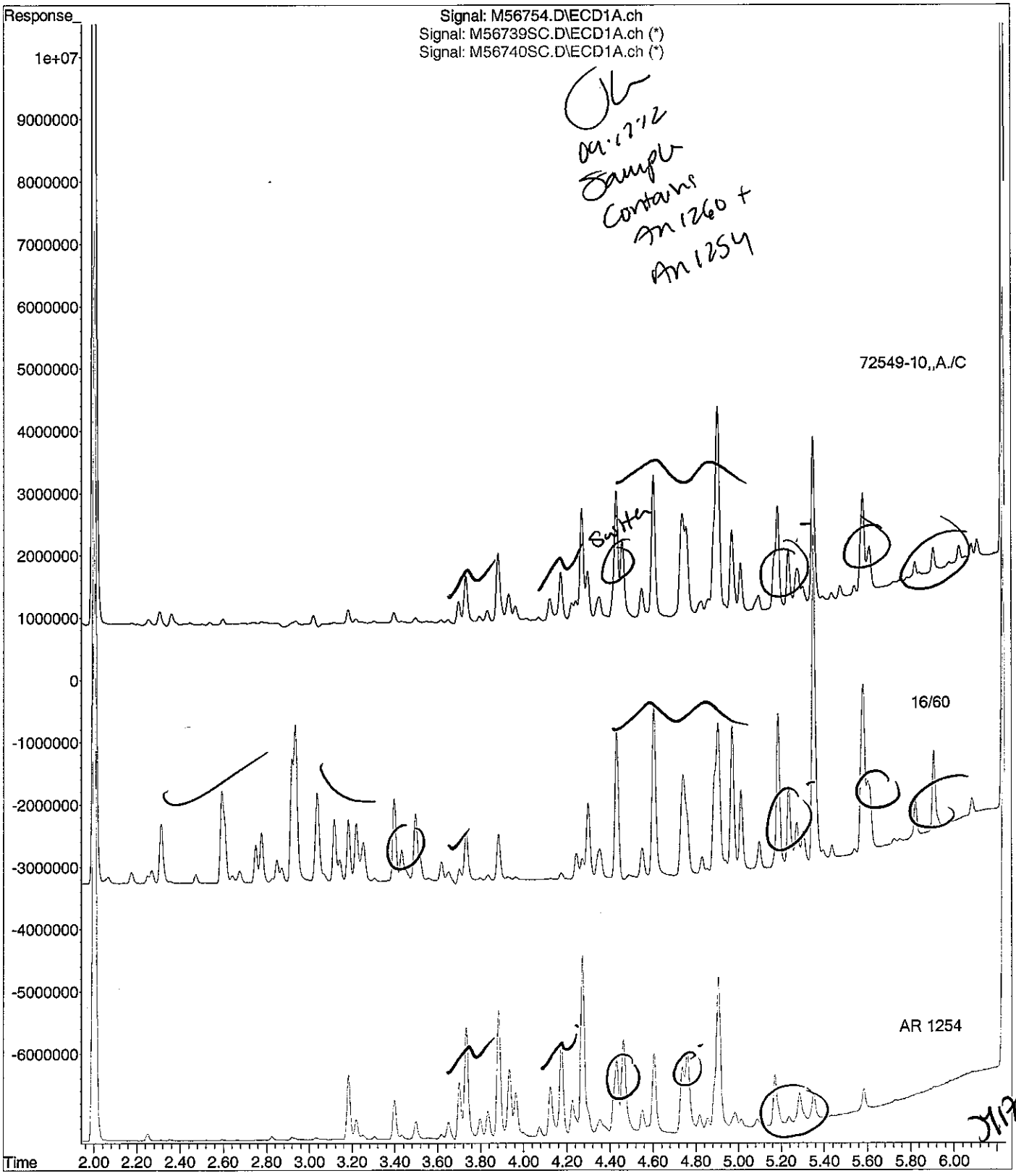
Data Path : C:\msdchem\1\DATA\041312-M\
Data File : M56754.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Apr 2012 1:14 pm
Operator : JK
Sample : 72549-10,,A/C
Misc : SOIL
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 17 15:15:47 2012
Quant Method : C:\msdchem\1\METHODS\PCB032712.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Apr 11 02:27:44 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um



File :C:\msdchem\1\DATA\041312-M\M56754.D
Operator : JK
Acquired : 13 Apr 2012 1:14 pm using AcqMethod PCB.M
Instrument : Instrument M
Sample Name: 72549-10,,A/C
Misc Info : SOIL
Vial Number: 19



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April 17, 2012

CLIENT SAMPLE ID

Project Name: Amherst College, Davis Hall

Project Number: 225406

Field Sample ID: DH-VBB-029

SAMPLE DATA

Lab Sample ID: 72549-11
Matrix: Solid
Percent Solid: 98
Dilution Factor: 0.9
Collection Date: 04/10/12
Lab Receipt Date: 04/11/12
Extraction Date: 04/12/12
Analysis Date: 04/13/12

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	30	U
PCB-1221	30	U
PCB-1232	30	U
PCB-1242	30	U
PCB-1248	30	U
PCB-1254	30	**189**
PCB-1260	30	**222**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	94	%
Decachlorobiphenyl	75	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 72549
Sample: 72549-11,,A/C
Data File: M56755.D
Dilution Factor: 0.9

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	222	199	10.7	
PCB 1254	189	159	17.8	

Column to be used to flag RPD values greater than QC limit of 40%

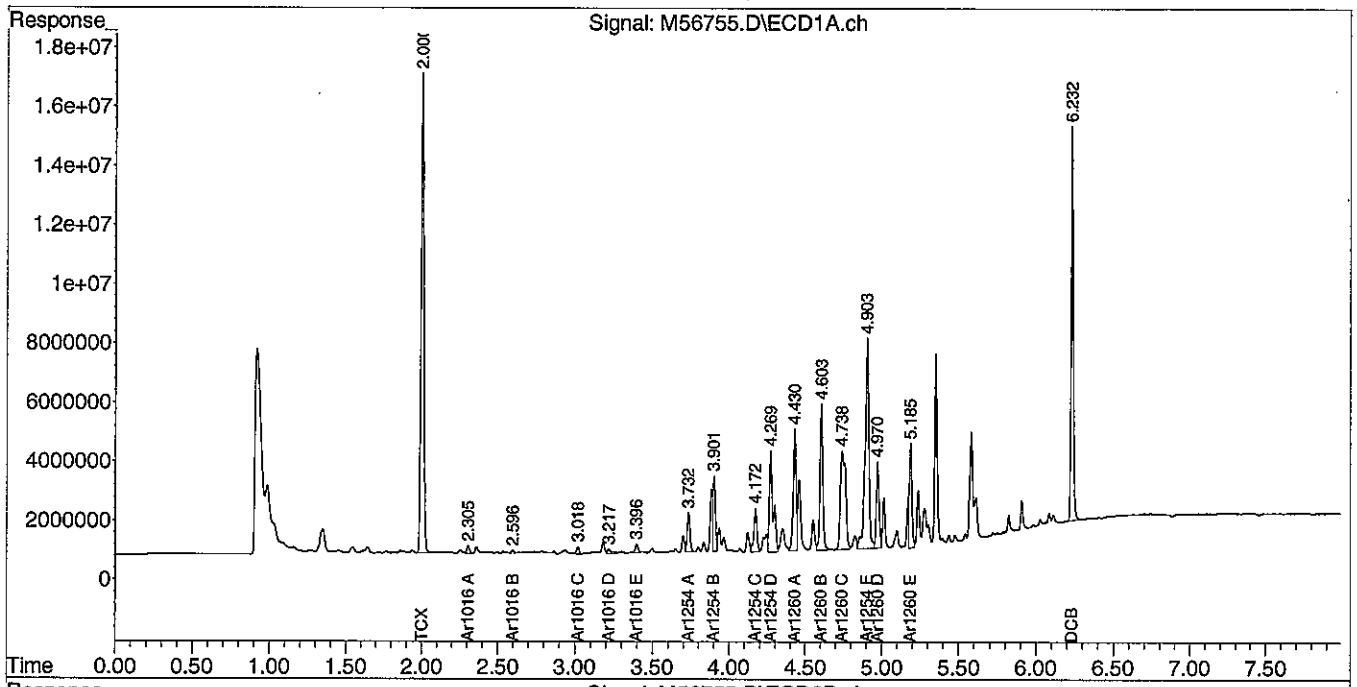
* Values outside QC limits

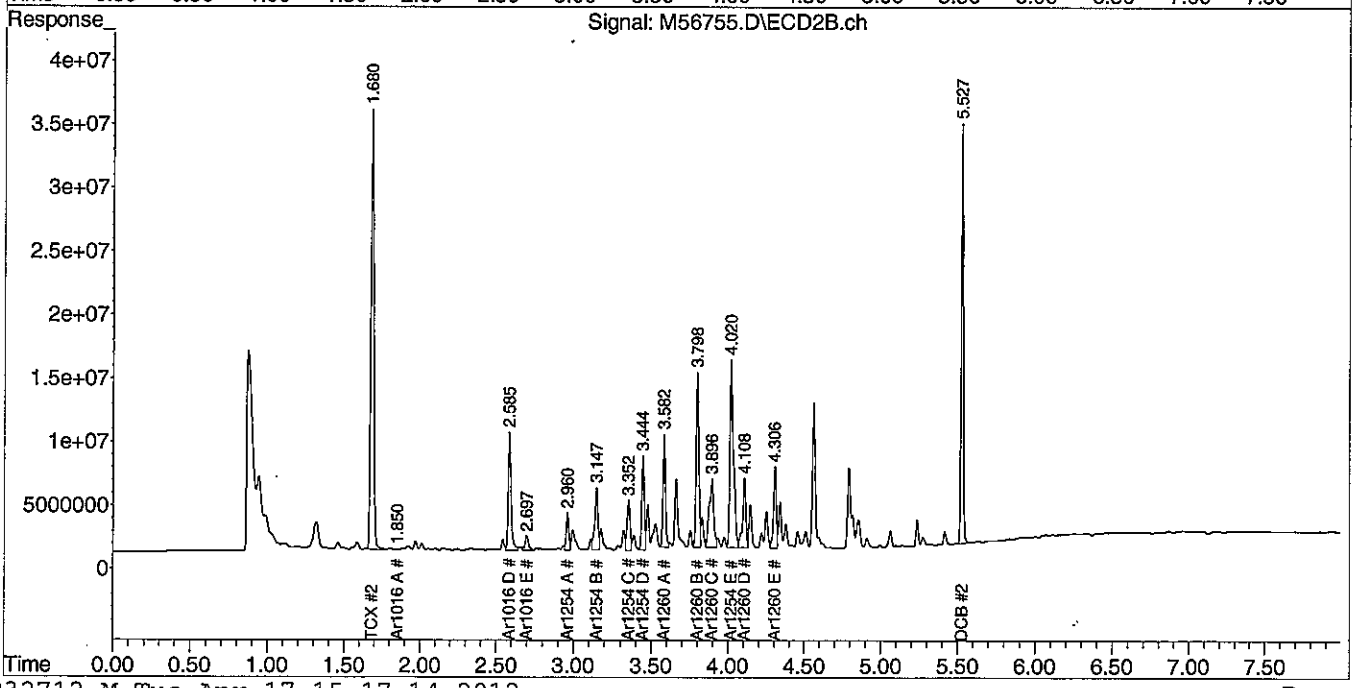
Comments: _____

Data Path : C:\msdchem\1\DATA\041312-M\
Data File : M56755.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Apr 2012 1:24 pm
Operator : JK
Sample : 72549-11,,A/C
Misc : SOIL
ALS Vial : 20 Sample Multiplier: 1

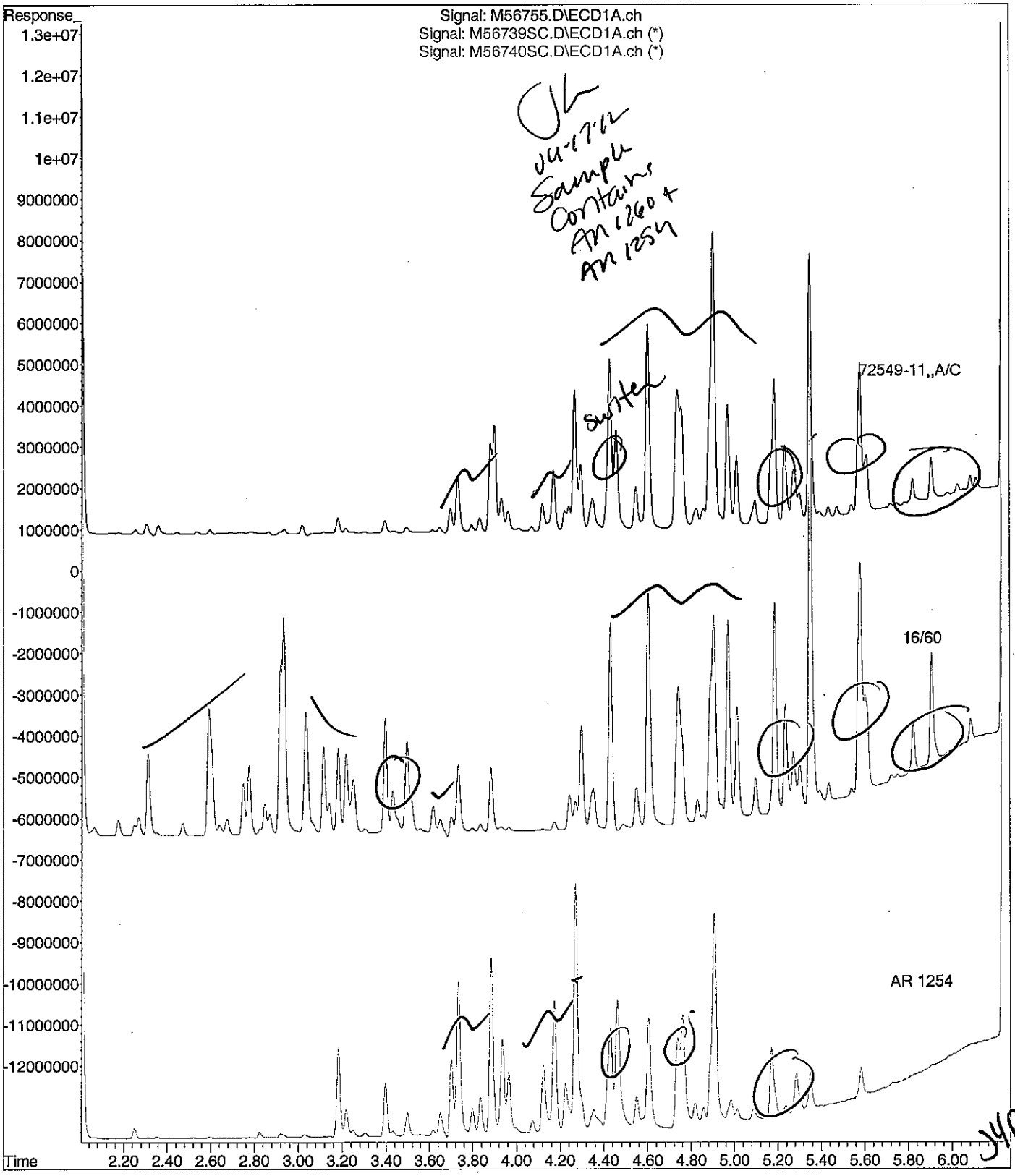
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 17 15:16:57 2012
Quant Method : C:\msdchem\1\METHODS\PCB032712.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Apr 11 02:27:44 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\041312-M\M56755.D
Operator : JK
Acquired : 13 Apr 2012 1:24 pm using AcqMethod PCB.M
Instrument : Instrument M
Sample Name: 72549-11,,A/C
Misc Info : SOIL
Vial Number: 20



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April 17, 2012

CLIENT SAMPLE ID

Project Name: Amherst College, Davis Hall

Project Number: 225406

Field Sample ID: DH-VBB-030

SAMPLE DATA

Lab Sample ID: 72549-12
Matrix: Solid
Percent Solid: 100
Dilution Factor: 0.9
Collection Date: 04/10/12
Lab Receipt Date: 04/11/12
Extraction Date: 04/12/12
Analysis Date: 04/13/12

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	30	U
PCB-1221	30	U
PCB-1232	30	U
PCB-1242	30	U
PCB-1248	30	U
PCB-1254	30	**69**
PCB-1260	30	**84**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	97	%
Decachlorobiphenyl	77	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 72549
Sample: 72549-12,,A/C
Data File: M56756.D
Dilution Factor: 0.9

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	84	83	1.7	
PCB 1254	69	60	15.3	

Column to be used to flag RPD values greater than QC limit of 40%

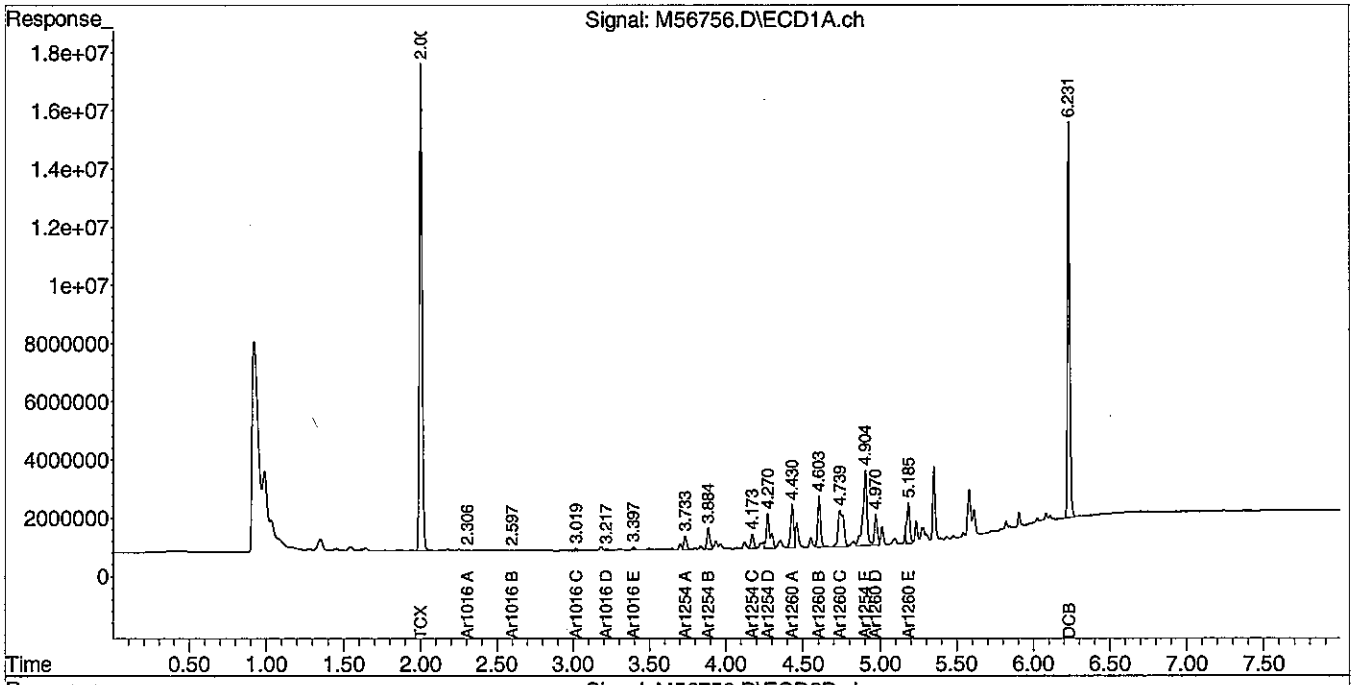
* Values outside QC limits

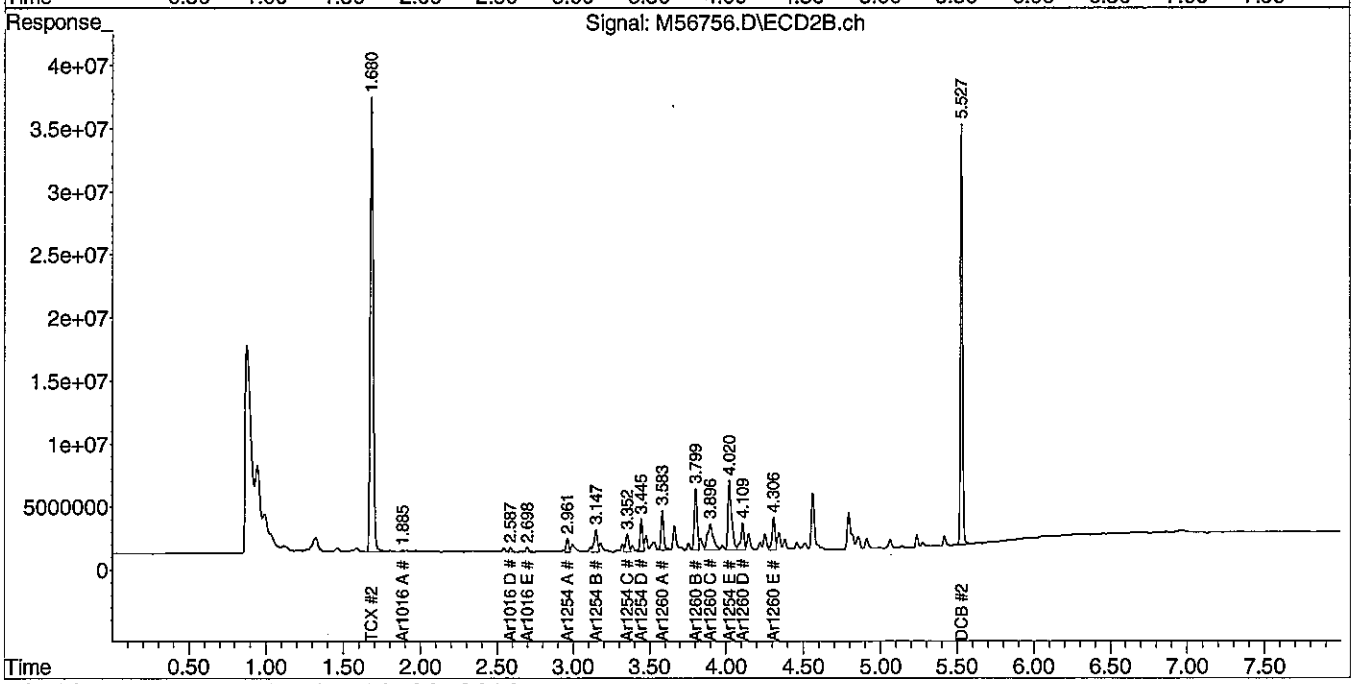
Comments: _____

Data Path : C:\msdchem\1\DATA\041312-M\
Data File : M56756.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Apr 2012 1:34 pm
Operator : JK
Sample : 72549-12,,A/C
Misc : SOIL
ALS Vial : 21 Sample Multiplier: 1

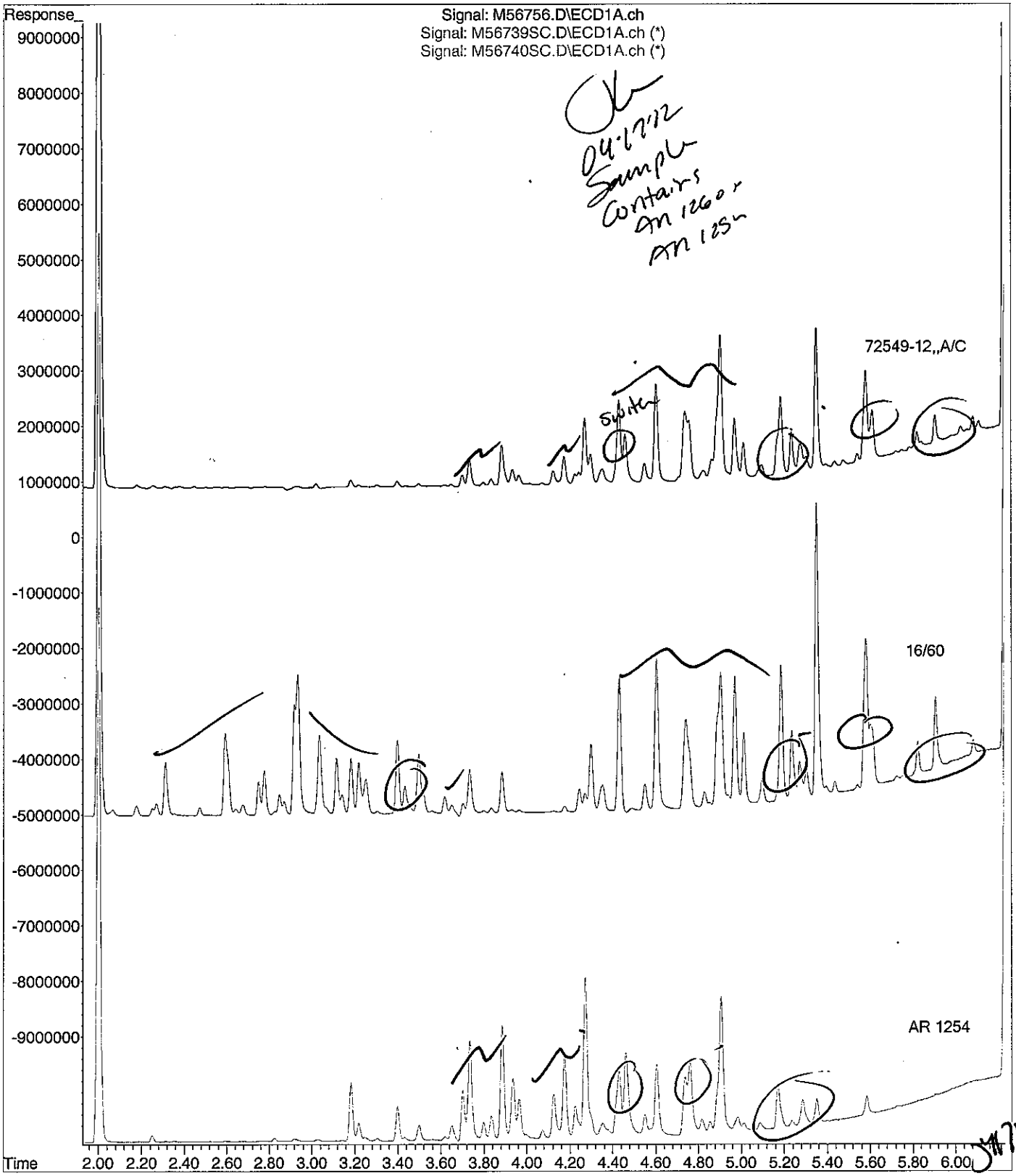
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 17 15:18:20 2012
Quant Method : C:\msdchem\1\METHODS\PCB032712.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Apr 11 02:27:44 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\041312-M\M56756.D
Operator : JK
Acquired : 13 Apr 2012 1:34 pm using AcqMethod PCB.M
Instrument : Instrument M
Sample Name: 72549-12,,A/C
Misc Info : SOIL
Vial Number: 21



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April 17, 2012

CLIENT SAMPLE ID

Project Name: Amherst College, Davis Hall

Project Number: 225406

Field Sample ID: DH-VBB-031

SAMPLE DATA

Lab Sample ID: 72549-13
Matrix: Solid
Percent Solid: 100
Dilution Factor: 1.0
Collection Date: 04/10/12
Lab Receipt Date: 04/11/12
Extraction Date: 04/12/12
Analysis Date: 04/13/12

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**127**
PCB-1260	33	**152**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	97	%
Decachlorobiphenyl	76	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 72549
Sample: 72549-13,,A/C
Data File: M56757.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	152	145	4.6	
PCB 1254	127	103	20.6	

Column to be used to flag RPD values greater than QC limit of 40%

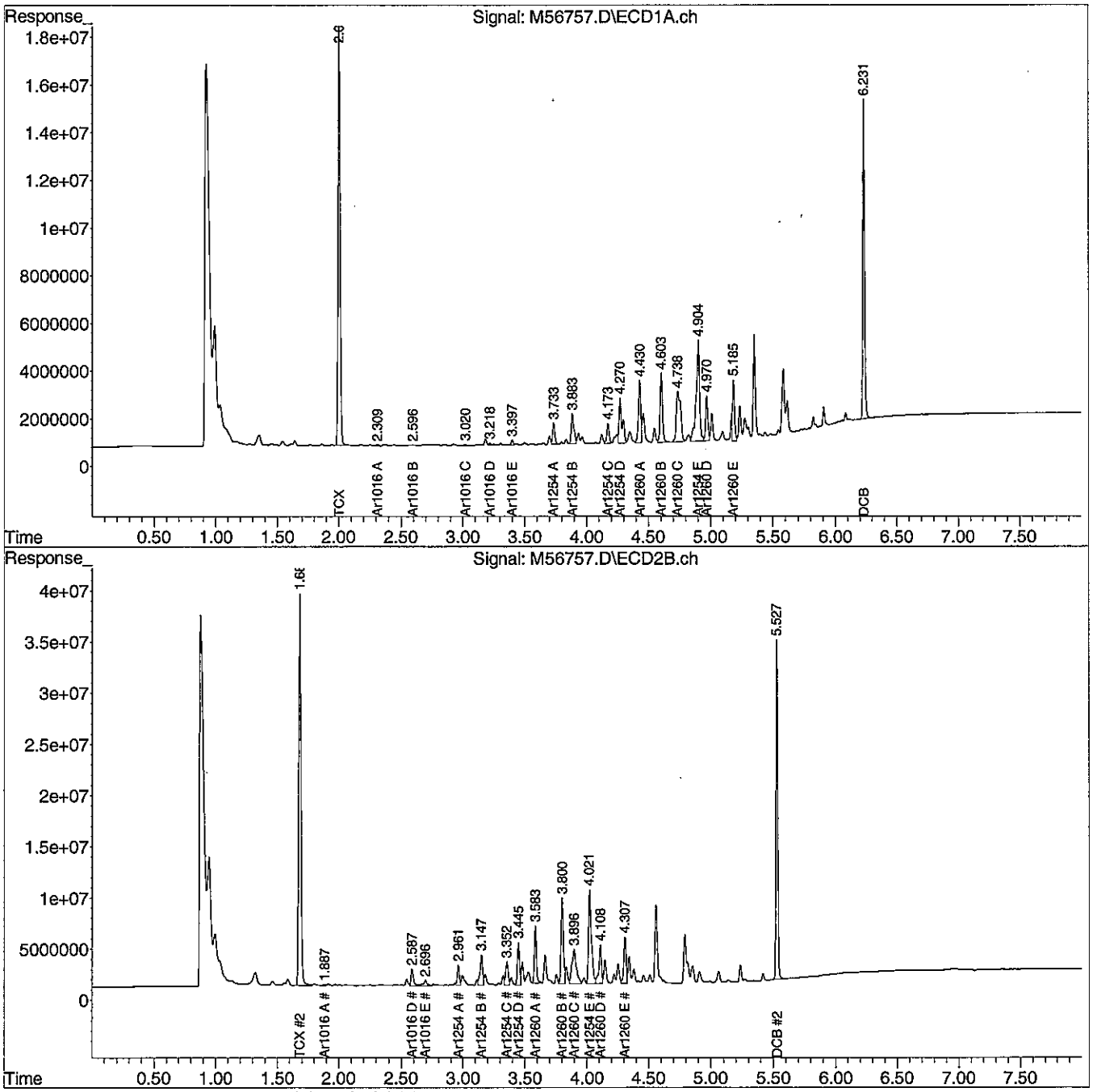
* Values outside QC limits

Comments: _____

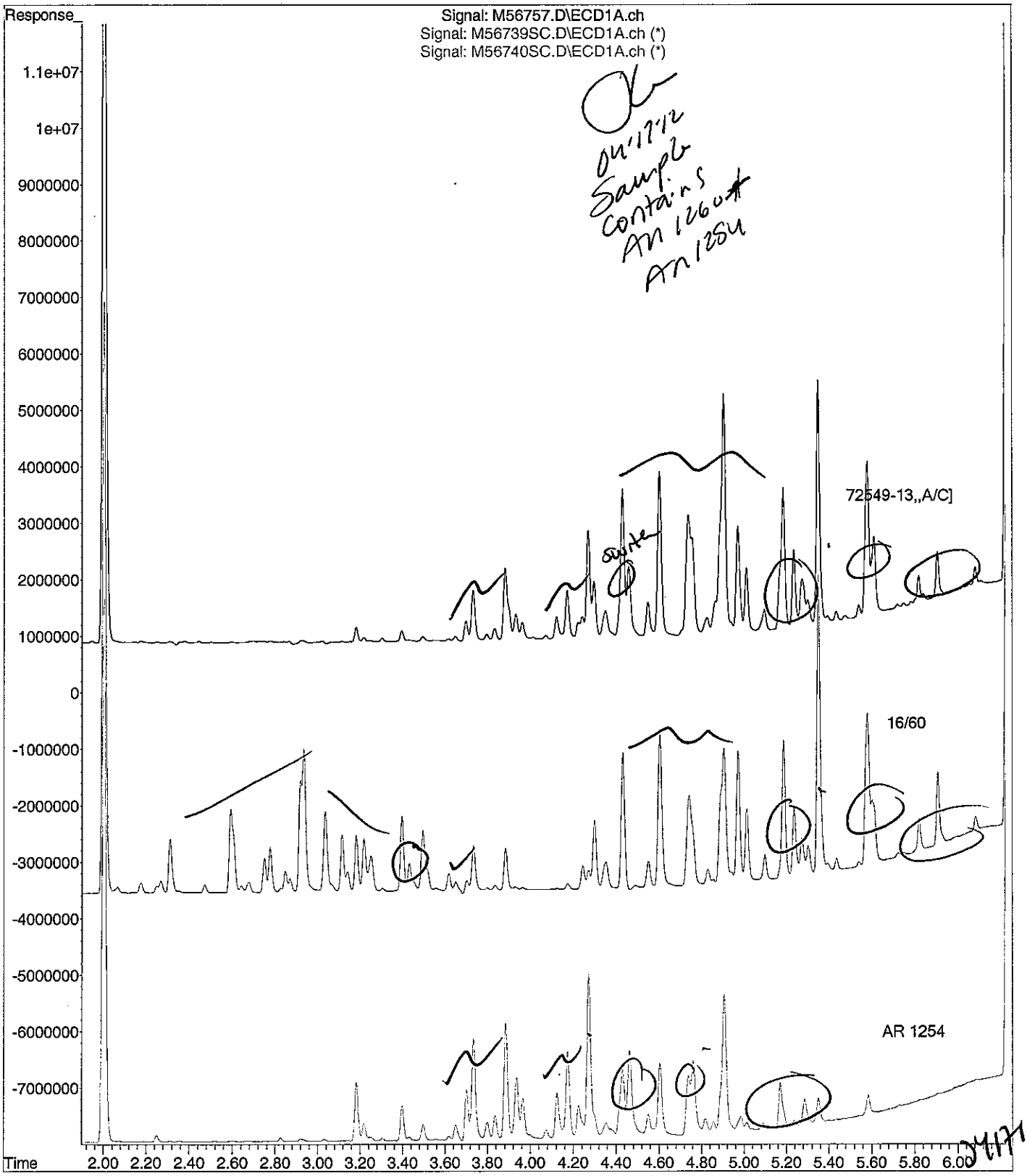
Data Path : C:\msdchem\1\DATA\041312-M\
Data File : M56757.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Apr 2012 1:44 pm
Operator : JK
Sample : 72549-13,,A/C
Misc : SOIL
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 17 15:20:03 2012
Quant Method : C:\msdchem\1\METHODS\PCB032712.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Apr 11 02:27:44 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um



File :C:\msdchem\1\DATA\041312-M\M56757.D
Operator : JK
Acquired : 13 Apr 2012 1:44 pm using AcqMethod PCB.M
Instrument : Instrument M
Sample Name: 72549-13,,A/C
Misc Info : SOIL
Vial Number: 22



analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

April 17, 2012

CLIENT SAMPLE ID

Project Name: Amherst College, Davis Hall

Project Number: 225406

Field Sample ID: DH-VBB-032

SAMPLE DATA

Lab Sample ID: 72549-14
Matrix: Solid
Percent Solid: 100
Dilution Factor: 1.0
Collection Date: 04/10/12
Lab Receipt Date: 04/11/12
Extraction Date: 04/12/12
Analysis Date: 04/13/12

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**269**
PCB-1260	33	**391**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	95	%
Decachlorobiphenyl	76	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 72549
Sample: 72549-14,,A/C
Data File: M56758.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	391	340	13.9	
PCB 1254	269	219	20.2	

Column to be used to flag RPD values greater than QC limit of 40%

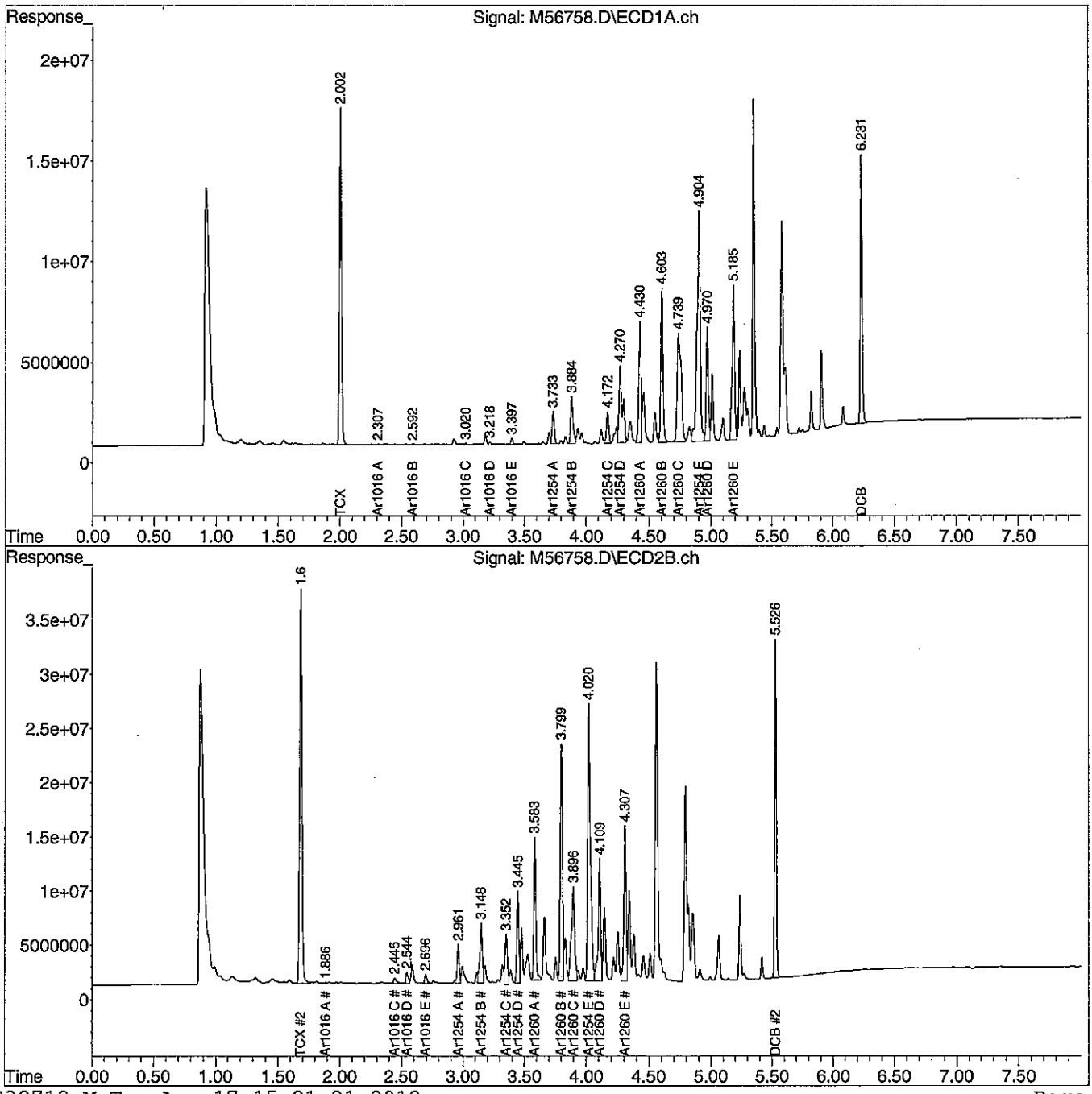
* Values outside QC limits

Comments: _____

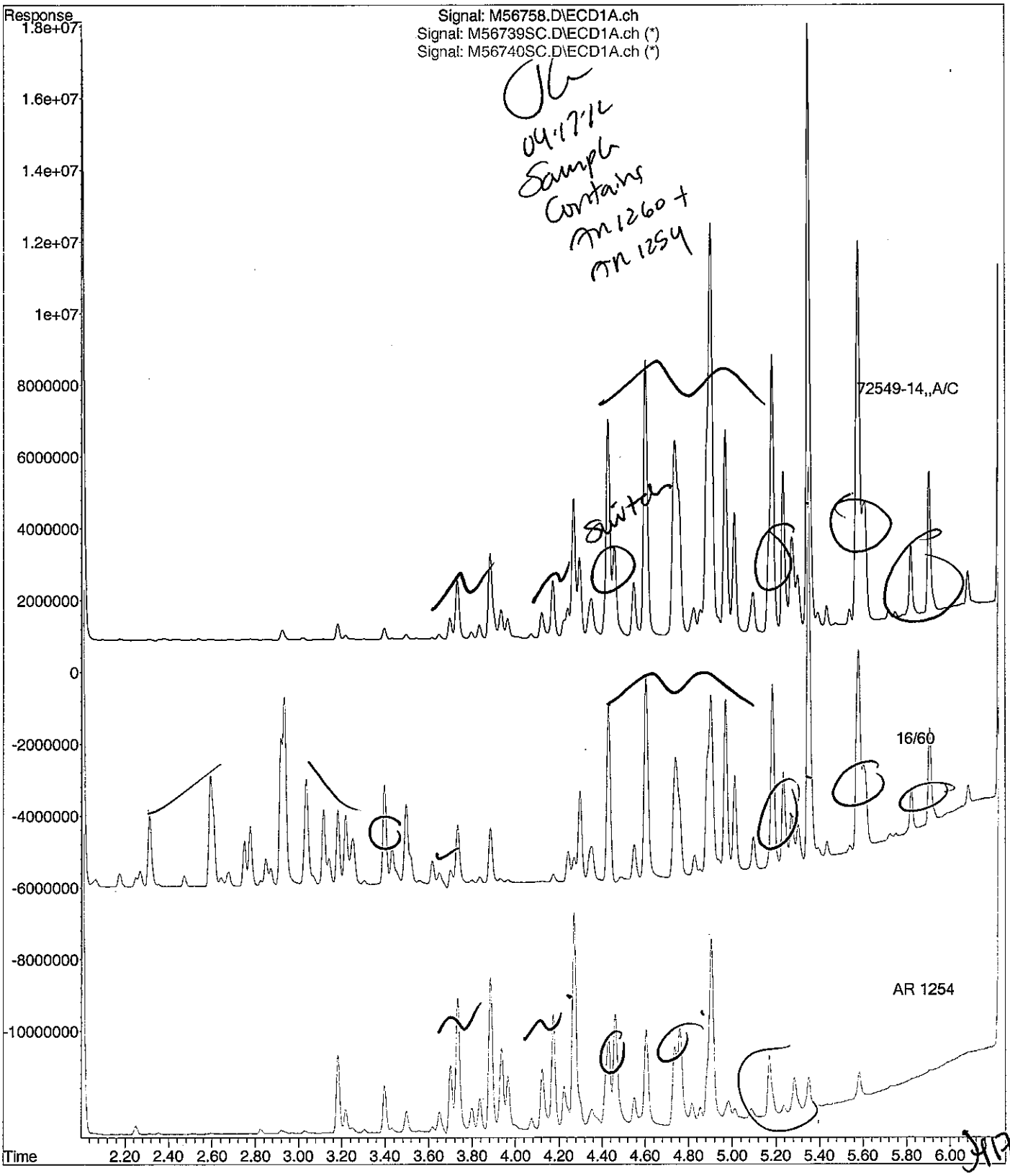
Data Path : C:\msdchem\1\DATA\041312-M\
Data File : M56758.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Apr 2012 1:54 pm
Operator : JK
Sample : 72549-14,,A/C
Misc : SOIL
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 17 15:21:12 2012
Quant Method : C:\msdchem\1\METHODS\PCB032712.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Apr 11 02:27:44 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um



File :C:\msdchem\1\DATA\041312-M\M56758.D
Operator : JK
Acquired : 13 Apr 2012 1:54 pm using AcqMethod PCB.M
Instrument : Instrument M
Sample Name: 72549-14,,A/C
Misc Info : SOIL
Vial Number: 23



analytics environmental laboratory LLC

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Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

April 17, 2012

CLIENT SAMPLE ID

Project Name: Amherst College, Davis Hall

Project Number: 225406

Field Sample ID: DH-VBB-033

SAMPLE DATA

Lab Sample ID: 72549-15
Matrix: Solid
Percent Solid: 96
Dilution Factor: 1.0
Collection Date: 04/10/12
Lab Receipt Date: 04/11/12
Extraction Date: 04/12/12
Analysis Date: 04/13/12

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	**277**
PCB-1260	33	**335**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	99	%
Decachlorobiphenyl	79	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 72549
Sample: 72549-15,,A/C
Data File: M56759.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	335	315	6.2	
PCB 1254	277	229	18.9	

Column to be used to flag RPD values greater than QC limit of 40%

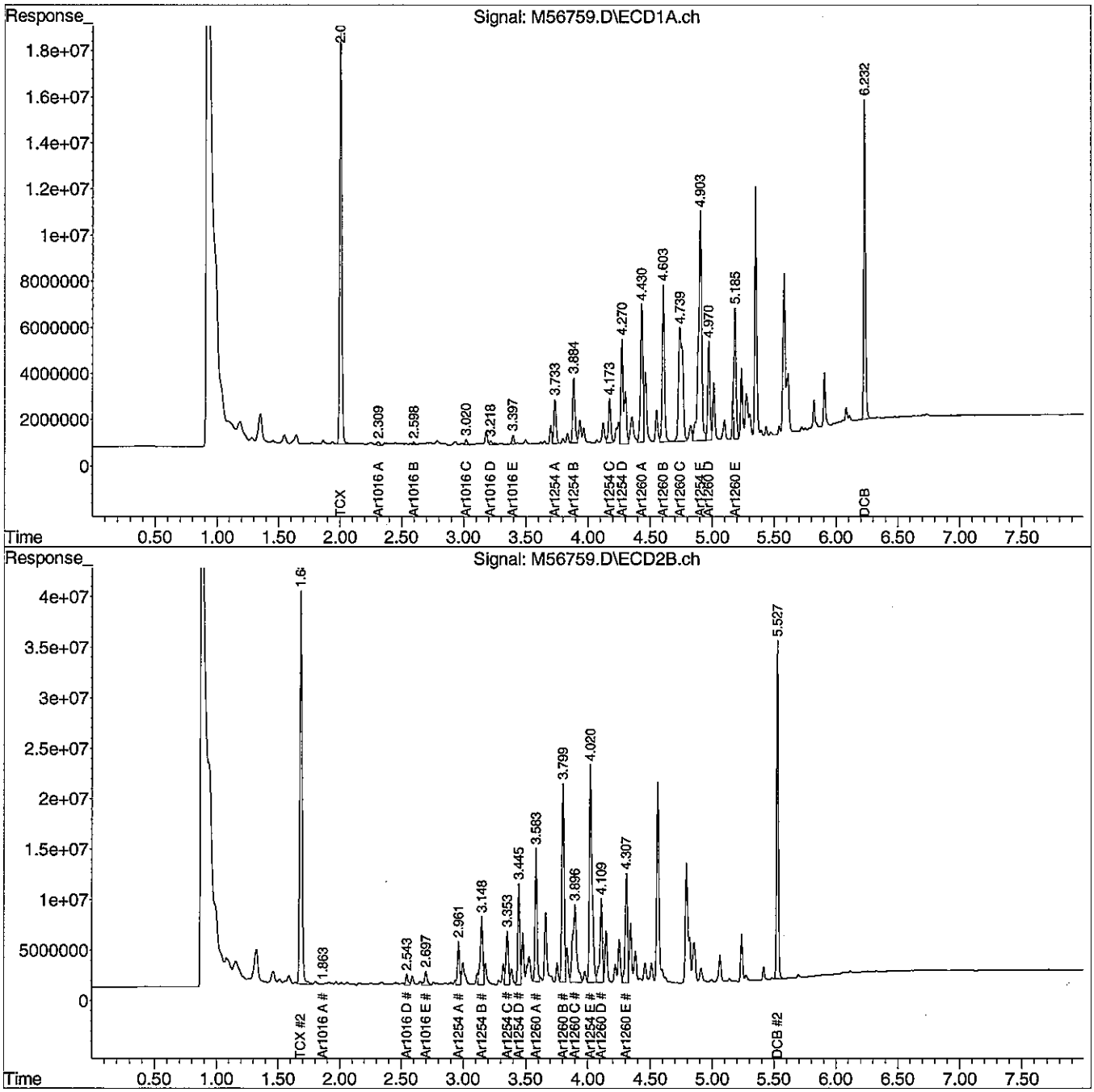
* Values outside QC limits

Comments: _____

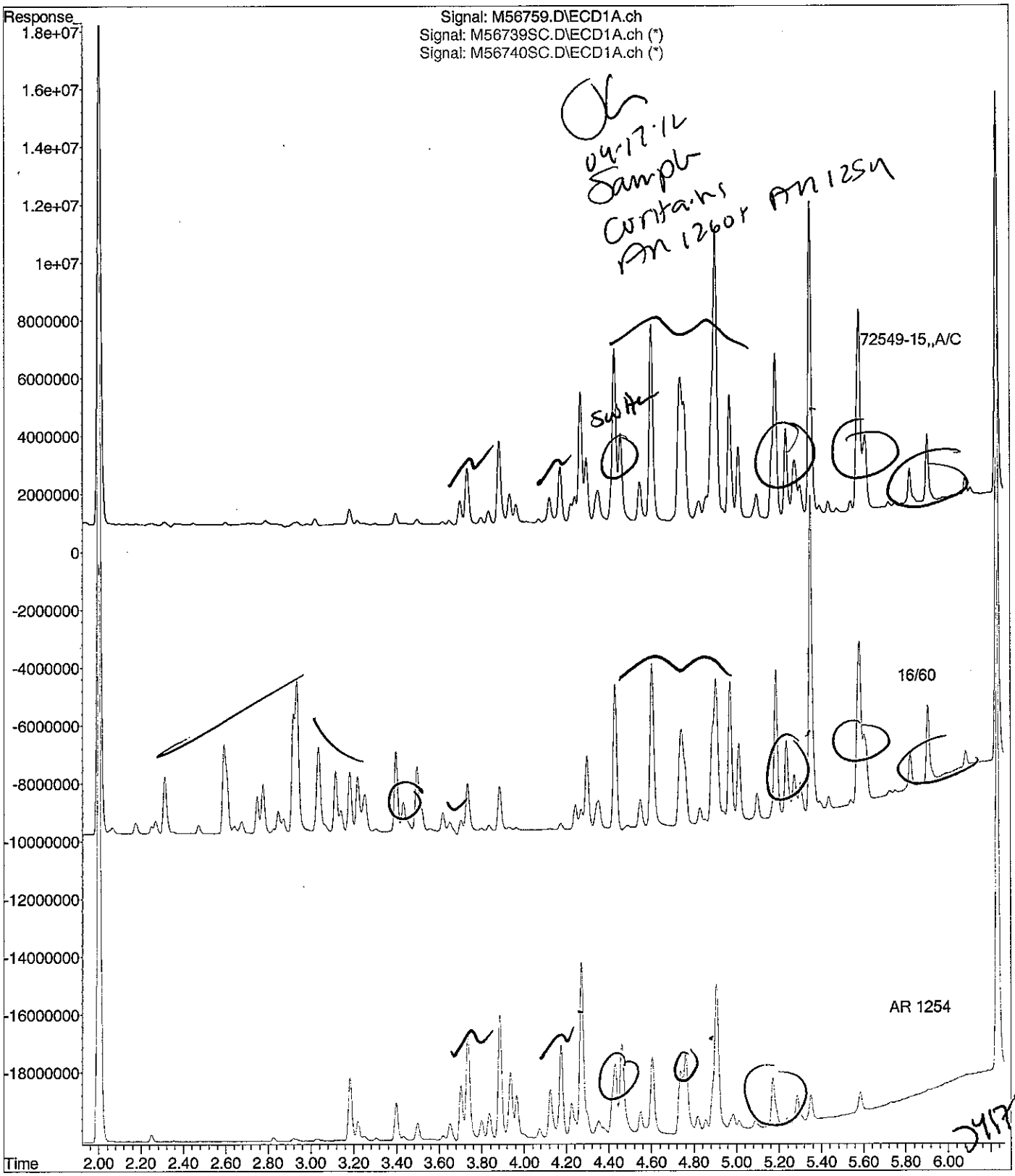
Data Path : C:\msdchem\1\DATA\041312-M\
Data File : M56759.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Apr 2012 2:04 pm
Operator : JK
Sample : 72549-15,,A/C
Misc : SOIL
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 17 15:22:18 2012
Quant Method : C:\msdchem\1\METHODS\PCB032712.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Apr 11 02:27:44 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um



File :C:\msdchem\1\DATA\041312-M\M56759.D
Operator : JK
Acquired : 13 Apr 2012 2:04 pm using AcqMethod PCB.M
Instrument : Instrument M
Sample Name: 72549-15,,A/C
Misc Info : SOIL
Vial Number: 24



analytics environmental laboratory LLC

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800-929-9906

Mr. George Franklin
Woodard & Curran
35 NE Business Center Suite 180
Andover MA 01810

April 18, 2012

CLIENT SAMPLE ID

Project Name: Amherst College, Davis Hall

Project Number: 225406

Field Sample ID: DH-VBBQ-034

SAMPLE DATA

Lab Sample ID: 72549-16
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date: 04/10/12
Lab Receipt Date: 04/11/12
Extraction Date: 04/17/12
Analysis Date: 04/18/12

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/L	Results µg/L
PCB-1016	0.2	U
PCB-1221	0.2	U
PCB-1232	0.2	U
PCB-1242	0.2	U
PCB-1248	0.2	U
PCB-1254	0.2	U
PCB-1260	0.2	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	88	%
Decachlorobiphenyl	83	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

COMMENTS:

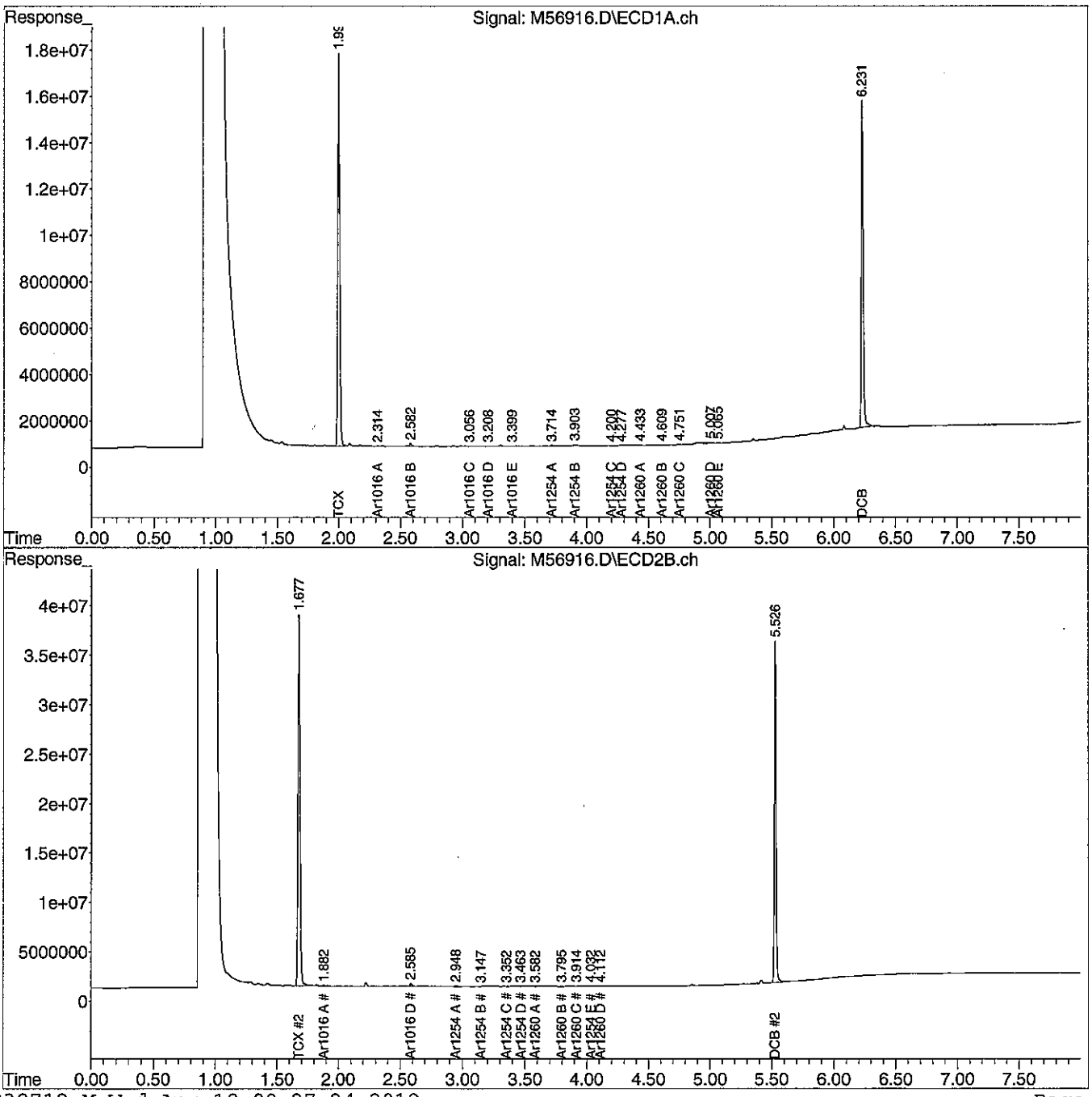
PCB Report

Authorized signature Jessica Lewis

Data Path : C:\msdchem\1\DATA\041712-M\
Data File : M56916.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Apr 2012 12:05 am
Operator : JK/AR
Sample : 72549-16
Misc :
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 18 09:15:10 2012
Quant Method : C:\msdchem\1\METHODS\PCB032712.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Apr 11 02:27:44 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um



analytics environmental laboratory LLC

PCB
QC FORMS

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:PCBQC.doc

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 72549

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B041112PSOX2,,A/C	97		73		89		72	
L041112PSOX2,,A/C	102		76		94		75	
LD041112PSOX2,,A/C	101		76		94		75	
72549-3,,A/C	103		78		95		75	
72549-3,MS,,A/C	96		73		89		71	
72549-4,,A/C	96		72		86		69	
72549-5,,A/C	96		72		88		70	
72549-6,,A/C	98		74		88		70	
72549-7,,A/C	97		73		89		70	
72549-8,,A/C	97		76		90		72	
72549-9,,A/C	96		75		88		71	
72549-10,,A/C	95		75		89		71	
72549-11,,A/C	94		75		88		71	
72549-12,,A/C	97		77		90		72	
72549-13,,A/C	97		76		90		72	
72549-14,,A/C	95		76		88		67	
72549-15,,A/C	99		79		92		71	

	Lower Limit	Upper Limit
SMC #1 = TCX	40	130
SMC #2 = DCB	40	130

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 72549

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B041212PSOX,,A/C	105		81		91		79	
72549-1,1:10,,A/C	102		75		102		70	
72549-2,1:10,,A/C	103		78		103		73	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB AQUEOUS
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 72549

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B041712PW	91		80		83		73	
L041712PWB	87		80		82		74	
LD041712PWB	87		80		82		75	
72549-16	88		83		83		76	

		Lower Limit	Upper Limit
SMC #1 =	TCX	46	122
SMC #2 =	DCB	40	135

\# Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 72549

Non-spiked sample: B041112PSOX2,,A/C

Spike: L041112PSOX2,,A/C

Spike duplicate: LD041112PSOX2,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	133	133	65	140	30	0	130	98		130	97		0.2	
PCB 1260	133	133	60	130	30	0	133	100		132	99		0.9	
PCB 1016 #2	133	133	65	140	30	0	124	93		124	93		0.4	
PCB 1260 #2	133	133	60	130	30	0	122	91		121	91		0.6	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB SOIL
MATRIX SPIKE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

SDG: 72549

Column ID: 0.25 mm

Non-spiked sample: 72549-3,,A/C

GC Column #2: STX-CLPesticides II

Spike: 72549-3,MS,,A/C

Column ID: 0.25 mm

COMPOUND	LCS SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#
PCB 1016	198	65	140	30	0	225	114	
PCB 1260	198	60	130	30	189	370	92	
PCB 1016 #2	198	65	140	30	0	204	103	
PCB 1260 #2	198	60	130	30	171	320	75	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB AQUEOUS
LABORATORY CONTROL/LABORATORY CONTROL DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 72549

Non-spiked sample: B041712PW

Spike: L041712PWB

Spike duplicate: LD041712PWB

COMPOUND	LCS SPIKE ADDED (ug/L)	LCSD SPIKE ADDED (ug/L)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/L)	SPIKE RESULT (ug/L)	SPIKE % REC	#	SPIKE DUP RESULT (ug/L)	SPIKE DUP % REC	#	RPD	#
PCB 1016	2.0	2.0	79	113	25	0.0	1.8	89.9		1.8	91.1		1.3	
PCB 1260	2.0	2.0	58	115	25	0.0	1.8	92.0		1.9	94.8		3.0	
PCB 1016 #2	2.0	2.0	81	112	25	0.0	1.7	84.1		1.7	86.8		3.1	
PCB 1260 #2	2.0	2.0	54	123	25	0.0	1.7	84.8		1.7	87.1		2.7	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been volume adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

analytics environmental laboratory LLC

CHAIN OF CUSTODIES

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:COC.doc

Chain Of Custody Form

analytics environmental laboratory LLC
195 Commerce Way, Suite E
Portsmouth, NH 03801
(800) 929-9906
(603) 436-5111
(603) 430-2151 Fax

For Analytics Use Only

Samples were:
1) Shipped or hand-delivered
2) Temperature (°C): 3°C
3) Received in good condition: Y or N
4) pH checked by: N/A
5) Labels checked by: 4/11/12

Project Name: AMHERST COLLEGE DAVIS HALL
Project#: 225406
Company: WOODARD & CURRAN
Report to: GEORGE FRANKLIN
Address: 35 NE BUS. CTR SUITE 150
ANDOVER MA
Phone: 978 557 8150
Quote #: WCI01311201
PO# (if required):

Preservation Code: B (Please fill in preservation code here)

Preseravtion Key: A= HCL, B= 4°C, C= Unpres, D = MeOH, E = HNO3, F = H2SO4, G = Hexane, H = Other

Circle and/or Write Required Analysis Followed by Preservation Code

Matrix Key: C = Concrete, WP = Wipe, WW = Wastewater, SW = Surface Water, E = Extract, GW = Groundwater, DW = Drinking Water, S = Soil / Sludge, O = Oil, X = Other

Sample Identification	Sample Date	Sample Time	Field Filtered? Y or N	VOC: 8260 524.2 624	SVOC: 8270 625 PAH only SIM	Pesticides: 8081 608	PCB: 8082 608 Soxhlet: Y or N	TPH: 8015 (Gas Range) ME4217	TPH: 8015 (Diesel Range) 8100M ME4125	EPH: Full or Ranges only TETPH	VPH: Full or Ranges only	Metals: RCRA8 PP13 TAL23 Other**	Matrix	No. of Containers	pH checked	Analytics Sample #
DH-~~EBC~~ VBC-019	4/10/12	1030					X									72549-1
DH-VBC-020	4/10/12	1030					X									-2
DH-VBB-021	4/10/12	1106					X									-3
DH-VBB-022	4/10/12	1117					X									-4
DH-VBB-023	4/10/12	1126					X									-5
DH-VBB-024	4/10/12	1147		*			X									-6
DH-VBB-025	4/10/12	1202					X									-7
DH-VBB-026	4/10/12	1214					X									-8
DH-VBB-027	4/10/12	1230					X									-9
DH-VBB-028	4/10/12	1243					X									-10

Email Results to: gfranklin jhamel

Comments, Additional Analyses, or Special Instructions: ** List requested metals here
PCBs VIA USEPA 8082 w/ SOXHLET EXTRACTION (3540C)
RL ≤ 1.0 mg/kg

Turnaround Time (TAT)
☐ 24 Hours* ☐ 48 Hours* ☐ 72 Hours* ☑ 5 Days* ☐ 10 Days
*Fee may apply; lab approval required

Please note: For volatile analyses, a trip blank has been provided in the cooler. If you want the trip blank run and reported please write the trip blank on the COC. Trip Blank analyses will be charged unless other arrangements have been made.

Project Requirements: *Fee may apply

Report Type: ☐ MCP* ☑ Level II* ☐ CTRCP* ☐ Level III* ☐ DOD* ☐ Level IV* ☐ Standard

State: ☐ NH ☐ MA ☐ ME ☐ CT ☐ RI Other:

State Standard: (eg. S-1 or GW-1)

EDD Required: Y* (N) Type:

Sampler Name (Print): GEORGE J. FRANKLIN				
Relinquished By Sampler:	Date: 4/10/12	Time: 1617	Received By:	
Relinquished By: WC Reception desk	Date: 4/11/12	Time: 1316	Received By:	
Relinquished By:	Date:	Time:	Received By:	

Chain Of Custody Form

analytics environmental laboratory LLC
195 Commerce Way, Suite E
Portsmouth, NH 03801
(800) 929-9906
(603) 436-5111
(603) 430-2151 Fax

For Analytics Use Only
Samples were:
1) Shipped or hand-delivered 3°C
2) Temperature (°C):
3) Received in good condition: (Y) or N
4) pH checked by: VBB 4/11/12
5) Labels checked by: CP 4/11/12

Project Name: AMHERST COLLEGE DAVIS HALL
Project#: 225406
Company: WOODARD & CURRAN
Report to: GEORGE FRANKLIN
Address: 35 NE Bus. Ctr Suite 190
ANDOVER MA 01810
Phone: 978 557 8150
Quote #: WCI01311201
PO# (if required):

Preservation Code: Please fill in preservation code here

Preseravtion Key:
A= HCL
B= 4°C
C= Unpres
D = MeOH
E = HNO3
F = H2SO4
G = Hexane
H = Other

Circle and/or Write Required Analysis Followed by Preservation Code

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
E = Extract
GW = Groundwater
DW = Drinking Water
S = Soil / Sludge
O = Oil
X = Other

Sample Identification	Sample Date	Sample Time	Field Filtered? Y or N	VOC: 8260 524.2 624	SVOC: 8270 625 PAH only SIM	Pesticides: 8081 608	PCB: 8082 608 Soxhlet? Y or N	TPH: 8015 (Gas Range) ME4217	TPH: 8015 (Diesel Range) 8100M ME4125	EPH: Full or Ranges only TETPH	VPH: Full or Ranges only	Metals: RCRA8 PP13 TAL23 Other**	Matrix	No. of Containers	pH checked	Analytics Sample #
DH-VBB-029	4/10/12	1258					X									72549-11
DH-VBB-030	4/10/12	1309					X									-12
DH-VBB-031	4/10/12	1321					X									-13
DH-VBB-032	4/10/12	1337					X									-14
DH-VBB-033	4/10/12	1350					X									-15
DH-VBBQ-034	4/10/12	1406					X						AQ	1	6.5	-16
																-

Email Results to:
sfranklin
jhumel

Turnaround Time (TAT)
☐ 24 Hours* ☐ 48 Hours*
☐ 72 Hours* ☑ 5 Days* ☐ 10 Days
*Fee may apply; lab approval required

Comments, Additional Analyses, or Special Instructions: ** List requested metals here
PCBs VIA USEPA 8082 w/ SOXHLET EXTRACTION 3540C
R.L. ≤ ~~1~~ 0.5 1.0 mg/kg

Please note: For volatile analyses, a trip blank has been provided in the cooler. If you want the trip blank run and reported please write the trip blank on the COC. Trip Blank analyses will be charged unless other arrangements have been made.

Project Requirements:
*Fee may apply

Report Type:
☐ MCP* ☑ Level II*
☐ CTRCP* ☐ Level III*
☐ DOD* ☐ Level IV*
☐ Standard

State:
☐ NH ☐ MA ☐ ME ☐ CT ☐ RI
Other:

State Standard: _____ (eg. S-1 or GW-1)
EDD Required: Y* (N)
Type:

Sampler Name (Print): GEORGE J. FRANKLIN

Relinquished By Sampler:	Date: 4/10/12	Time: 1617	Received By:	Kris B. Stives
Relinquished By: WC Reception Desk	Date: 4/11/12	Time: 1316	Received By:	
Relinquished By:	Date:	Time:	Received By:	

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 72549 COOLER NUMBER: 47

CLIENT: Woodard & Curran NUMBER OF COOLERS: 1

PROJECT: Amherst College Davis Hall

A: PRELIMINARY EXAMINATION:

1. Cooler received by(initials): KB DATE COOLER RECEIVED/OPENED: 4/11/12

2. Circle one: Hand delivered (If so, skip 3) Shipped

3. Did cooler come with a shipping slip? Y (N) N/A

3a. Enter carrier name and airbill number here: _____

4. Were custody seals on the outside of cooler? Y (N)
How many & where: _____ Seal Date: _____ Seal Name: _____

5. Did the custody seals arrive unbroken and intact upon arrival? Y N/A

6. COC#: —

7. Were Custody papers filled out properly (ink,signed, legible, project information etc)? (Y) N

8. Were custody papers sealed in a plastic bag? (Y) N

9. Did you sign the COC in the appropriate place? (Y) N

10. Was enough ice used to chill the cooler? (Y) N Temp. of cooler: 3°C

B. Log-In: Date samples were logged in: 4/11/12 By: KB

11. Were all bottles sealed in separate plastic bags? Y (N)

12. Did all bottles arrive unbroken and were labels in good condition? (Y) N

13. Were all bottle labels complete(ID,Date,time,etc.) (Y) N

14. Did all bottle labels agree with custody papers? (Y) N

15. Were the correct containers used for the tests indicated: (Y) N

16. Were samples received at the correct pH? Ag. only (Y) N

17. Was sufficient amount of sample sent for the tests indicated? (Y) N

18. Were all samples submitted within holding time? (Y) N

19. Were VOA samples absent of greater than pea-sized bubbles? Y (N*) N/A
(Note:Pea-sized bubbles or smaller are acceptable and are not considered to adversely affect volatiles data.)

*If NO, List Sample ID's, Lab #s: _____

When bubbles are present in VOA samples they are labelled from smallest (or no bubbles) to largest. Lab to analyze VOA samples with no bubbles or smallest bubbles first

20. Laboratory labeling verified by (initials): CP Date: 4/11/12

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June 19, 2012

George Franklin
Woodard & Curran - Andover, MA
35 New England Business Center
Andover, MA 01810

Project Location: Amherst College - Davis Hall
Client Job Number:
Project Number: 225406
Laboratory Work Order Number: 12F0552

Enclosed are results of analyses for samples received by the laboratory on June 15, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Meghan E. Kelley
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Woodard & Curran - Andover, MA
35 New England Business Center
Andover, MA 01810
ATTN: George Franklin

REPORT DATE: 6/19/2012

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 225406

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12F0552

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Amherst College - Davis Hall

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
DH-VBB-044	12F0552-01	Brick		SW-846 8082A	
DH-VBB-045	12F0552-02	Brick		SW-846 8082A	
DH-VBB-046	12F0552-03	Brick		SW-846 8082A	
DH-VBB-047	12F0552-04	Brick		SW-846 8082A	
DH-VBB-048	12F0552-05	Brick		SW-846 8082A	
DH-VBB-049	12F0552-06	Brick		SW-846 8082A	
DH-VBB-050	12F0552-07	Brick		SW-846 8082A	
DH-VBB-051	12F0552-08	Brick		SW-846 8082A	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Daren J. Damboragian
Laboratory Manager

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Amherst College - Davis Hall | Sample Description: | Work Order: 12F0552

Date Received: 6/15/2012

Field Sample #: DH-VBB-044 | Sampled: 6/15/2012 11:50

Sample ID: 12F0552-01

Sample Matrix: Brick

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 18:14	MJC
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 18:14	MJC
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 18:14	MJC
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 18:14	MJC
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 18:14	MJC
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 18:14	MJC
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 18:14	MJC
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 18:14	MJC
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 18:14	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	109	30-150		6/18/12 18:14
Decachlorobiphenyl [2]	102	30-150		6/18/12 18:14
Tetrachloro-m-xylene [1]	95.0	30-150		6/18/12 18:14
Tetrachloro-m-xylene [2]	109	30-150		6/18/12 18:14

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Project Location: Amherst College - Davis Hall | Sample Description: | Work Order: 12F0552

Date Received: 6/15/2012

Field Sample #: DH-VBB-045 | Sampled: 6/15/2012 12:00

Sample ID: 12F0552-02

Sample Matrix: Brick

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 18:26	MJC
Aroclor-1221 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 18:26	MJC
Aroclor-1232 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 18:26	MJC
Aroclor-1242 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 18:26	MJC
Aroclor-1248 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 18:26	MJC
Aroclor-1254 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 18:26	MJC
Aroclor-1260 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 18:26	MJC
Aroclor-1262 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 18:26	MJC
Aroclor-1268 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 18:26	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	113	30-150		6/18/12 18:26
Decachlorobiphenyl [2]	106	30-150		6/18/12 18:26
Tetrachloro-m-xylene [1]	105	30-150		6/18/12 18:26
Tetrachloro-m-xylene [2]	118	30-150		6/18/12 18:26

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Project Location: Amherst College - Davis Hall | Sample Description: | Work Order: 12F0552

Date Received: 6/15/2012

Field Sample #: DH-VBB-046 | Sampled: 6/15/2012 12:05

Sample ID: 12F0552-03

Sample Matrix: Brick

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.091	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 18:39	MJC
Aroclor-1221 [1]	ND	0.091	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 18:39	MJC
Aroclor-1232 [1]	ND	0.091	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 18:39	MJC
Aroclor-1242 [1]	ND	0.091	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 18:39	MJC
Aroclor-1248 [1]	ND	0.091	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 18:39	MJC
Aroclor-1254 [1]	ND	0.091	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 18:39	MJC
Aroclor-1260 [1]	ND	0.091	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 18:39	MJC
Aroclor-1262 [1]	ND	0.091	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 18:39	MJC
Aroclor-1268 [1]	ND	0.091	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 18:39	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	109	30-150		6/18/12 18:39
Decachlorobiphenyl [2]	102	30-150		6/18/12 18:39
Tetrachloro-m-xylene [1]	96.1	30-150		6/18/12 18:39
Tetrachloro-m-xylene [2]	109	30-150		6/18/12 18:39

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Project Location: Amherst College - Davis Hall | Sample Description: | Work Order: 12F0552

Date Received: 6/15/2012

Field Sample #: DH-VBB-047 | Sampled: 6/15/2012 12:10

Sample ID: 12F0552-04

Sample Matrix: Brick

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.091	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 18:51	MJC
Aroclor-1221 [1]	ND	0.091	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 18:51	MJC
Aroclor-1232 [1]	ND	0.091	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 18:51	MJC
Aroclor-1242 [1]	ND	0.091	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 18:51	MJC
Aroclor-1248 [1]	ND	0.091	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 18:51	MJC
Aroclor-1254 [1]	ND	0.091	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 18:51	MJC
Aroclor-1260 [2]	0.12	0.091	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 18:51	MJC
Aroclor-1262 [1]	ND	0.091	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 18:51	MJC
Aroclor-1268 [1]	ND	0.091	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 18:51	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	101	30-150		6/18/12 18:51
Decachlorobiphenyl [2]	94.6	30-150		6/18/12 18:51
Tetrachloro-m-xylene [1]	89.3	30-150		6/18/12 18:51
Tetrachloro-m-xylene [2]	102	30-150		6/18/12 18:51

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Project Location: Amherst College - Davis Hall | Sample Description: | Work Order: 12F0552

Date Received: 6/15/2012

Field Sample #: DH-VBB-048 | Sampled: 6/15/2012 12:25

Sample ID: 12F0552-05

Sample Matrix: Brick

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 19:03	MJC
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 19:03	MJC
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 19:03	MJC
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 19:03	MJC
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 19:03	MJC
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 19:03	MJC
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 19:03	MJC
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 19:03	MJC
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 19:03	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	108	30-150		6/18/12 19:03
Decachlorobiphenyl [2]	102	30-150		6/18/12 19:03
Tetrachloro-m-xylene [1]	95.8	30-150		6/18/12 19:03
Tetrachloro-m-xylene [2]	109	30-150		6/18/12 19:03

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Project Location: Amherst College - Davis Hall | Sample Description: | Work Order: 12F0552

Date Received: 6/15/2012

Field Sample #: DH-VBB-049 | Sampled: 6/15/2012 12:20

Sample ID: 12F0552-06

Sample Matrix: Brick

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 19:16	MJC
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 19:16	MJC
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 19:16	MJC
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 19:16	MJC
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 19:16	MJC
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 19:16	MJC
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 19:16	MJC
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 19:16	MJC
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 19:16	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	112	30-150		6/18/12 19:16
Decachlorobiphenyl [2]	105	30-150		6/18/12 19:16
Tetrachloro-m-xylene [1]	98.6	30-150		6/18/12 19:16
Tetrachloro-m-xylene [2]	112	30-150		6/18/12 19:16

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Project Location: Amherst College - Davis Hall | Sample Description: | Work Order: 12F0552

Date Received: 6/15/2012

Field Sample #: DH-VBB-050 | Sampled: 6/15/2012 12:55

Sample ID: 12F0552-07

Sample Matrix: Brick

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 19:28	MJC
Aroclor-1221 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 19:28	MJC
Aroclor-1232 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 19:28	MJC
Aroclor-1242 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 19:28	MJC
Aroclor-1248 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 19:28	MJC
Aroclor-1254 [2]	0.12	0.095	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 19:28	MJC
Aroclor-1260 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 19:28	MJC
Aroclor-1262 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 19:28	MJC
Aroclor-1268 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 19:28	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	115	30-150		6/18/12 19:28
Decachlorobiphenyl [2]	107	30-150		6/18/12 19:28
Tetrachloro-m-xylene [1]	99.7	30-150		6/18/12 19:28
Tetrachloro-m-xylene [2]	113	30-150		6/18/12 19:28

con-test® ANALYTICAL LABORATORY
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Project Location: Amherst College - Davis Hall | Sample Description: | Work Order: 12F0552

Date Received: 6/15/2012

Field Sample #: DH-VBB-051 | Sampled: 6/15/2012 13:00

Sample ID: 12F0552-08

Sample Matrix: Brick

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 19:40	MJC
Aroclor-1221 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 19:40	MJC
Aroclor-1232 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 19:40	MJC
Aroclor-1242 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 19:40	MJC
Aroclor-1248 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 19:40	MJC
Aroclor-1254 [1]	0.15	0.095	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 19:40	MJC
Aroclor-1260 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 19:40	MJC
Aroclor-1262 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 19:40	MJC
Aroclor-1268 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/15/12	6/18/12 19:40	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	115	30-150		6/18/12 19:40
Decachlorobiphenyl [2]	108	30-150		6/18/12 19:40
Tetrachloro-m-xylene [1]	100	30-150		6/18/12 19:40
Tetrachloro-m-xylene [2]	113	30-150		6/18/12 19:40

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Sample Extraction Data

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12F0552-01 [DH-VBB-044]	B053495	2.00	10.0	06/15/12
12F0552-02 [DH-VBB-045]	B053495	2.10	10.0	06/15/12
12F0552-03 [DH-VBB-046]	B053495	2.20	10.0	06/15/12
12F0552-04 [DH-VBB-047]	B053495	2.20	10.0	06/15/12
12F0552-05 [DH-VBB-048]	B053495	2.00	10.0	06/15/12
12F0552-06 [DH-VBB-049]	B053495	2.00	10.0	06/15/12
12F0552-07 [DH-VBB-050]	B053495	2.10	10.0	06/15/12
12F0552-08 [DH-VBB-051]	B053495	2.10	10.0	06/15/12

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B053495 - SW-846 3540C										
Blank (B053495-BLK1)				Prepared: 06/15/12 Analyzed: 06/18/12						
Aroclor-1016	ND	0.10	mg/Kg							
Aroclor-1016 [2C]	ND	0.10	mg/Kg							
Aroclor-1221	ND	0.10	mg/Kg							
Aroclor-1221 [2C]	ND	0.10	mg/Kg							
Aroclor-1232	ND	0.10	mg/Kg							
Aroclor-1232 [2C]	ND	0.10	mg/Kg							
Aroclor-1242	ND	0.10	mg/Kg							
Aroclor-1242 [2C]	ND	0.10	mg/Kg							
Aroclor-1248	ND	0.10	mg/Kg							
Aroclor-1248 [2C]	ND	0.10	mg/Kg							
Aroclor-1254	ND	0.10	mg/Kg							
Aroclor-1254 [2C]	ND	0.10	mg/Kg							
Aroclor-1260	ND	0.10	mg/Kg							
Aroclor-1260 [2C]	ND	0.10	mg/Kg							
Aroclor-1262	ND	0.10	mg/Kg							
Aroclor-1262 [2C]	ND	0.10	mg/Kg							
Aroclor-1268	ND	0.10	mg/Kg							
Aroclor-1268 [2C]	ND	0.10	mg/Kg							
Surrogate: Decachlorobiphenyl	*1.04*		mg/Kg	1.00		104	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.981*		mg/Kg	1.00		98.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.926*		mg/Kg	1.00		92.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.06*		mg/Kg	1.00		106	30-150			
LCS (B053495-BS1)				Prepared: 06/15/12 Analyzed: 06/18/12						
Aroclor-1016	0.28	0.10	mg/Kg	0.250		111	40-140			
Aroclor-1016 [2C]	0.27	0.10	mg/Kg	0.250		106	40-140			
Aroclor-1260	0.29	0.10	mg/Kg	0.250		115	40-140			
Aroclor-1260 [2C]	0.29	0.10	mg/Kg	0.250		118	40-140			
Surrogate: Decachlorobiphenyl	*1.07*		mg/Kg	1.00		107	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.00*		mg/Kg	1.00		100	30-150			
Surrogate: Tetrachloro-m-xylene	*0.939*		mg/Kg	1.00		93.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.07*		mg/Kg	1.00		107	30-150			
LCS Dup (B053495-BSD1)				Prepared: 06/15/12 Analyzed: 06/18/12						
Aroclor-1016	0.28	0.10	mg/Kg	0.250		113	40-140	1.64	30	
Aroclor-1016 [2C]	0.27	0.10	mg/Kg	0.250		108	40-140	1.94	30	
Aroclor-1260	0.28	0.10	mg/Kg	0.250		112	40-140	2.69	30	
Aroclor-1260 [2C]	0.29	0.10	mg/Kg	0.250		115	40-140	2.17	30	
Surrogate: Decachlorobiphenyl	*1.07*		mg/Kg	1.00		107	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.00*		mg/Kg	1.00		100	30-150			
Surrogate: Tetrachloro-m-xylene	*0.963*		mg/Kg	1.00		96.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.10*		mg/Kg	1.00		110	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B053495 - SW-846 3540C										
Matrix Spike (B053495-MS1)	**Source: 12F0552-01**			Prepared: 06/15/12 Analyzed: 06/18/12						
Aroclor-1016	0.29	0.10	mg/Kg	0.250	0.0	114	40-140			
Aroclor-1016 [2C]	0.28	0.10	mg/Kg	0.250	0.0	110	40-140			
Aroclor-1260	0.31	0.10	mg/Kg	0.250	0.0	125	40-140			
Aroclor-1260 [2C]	0.33	0.10	mg/Kg	0.250	0.0	133	40-140			
Surrogate: Decachlorobiphenyl	*1.13*		mg/Kg	1.00		113	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.07*		mg/Kg	1.00		107	30-150			
Surrogate: Tetrachloro-m-xylene	*1.01*		mg/Kg	1.00		101	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.14*		mg/Kg	1.00		114	30-150			
Matrix Spike Dup (B053495-MSD1)	**Source: 12F0552-01**			Prepared: 06/15/12 Analyzed: 06/18/12						
Aroclor-1016	0.31	0.10	mg/Kg	0.250	0.0	123	40-140	7.40	50	
Aroclor-1016 [2C]	0.28	0.10	mg/Kg	0.250	0.0	113	40-140	2.02	50	
Aroclor-1260	0.32	0.10	mg/Kg	0.250	0.0	130	40-140	3.94	50	
Aroclor-1260 [2C]	0.34	0.10	mg/Kg	0.250	0.0	135	40-140	1.91	50	
Surrogate: Decachlorobiphenyl	*1.13*		mg/Kg	1.00		113	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.06*		mg/Kg	1.00		106	30-150			
Surrogate: Tetrachloro-m-xylene	*1.02*		mg/Kg	1.00		102	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.15*		mg/Kg	1.00		115	30-150			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Product/Solid	
Aroclor-1016	CT,NH,NY,ME,NC
Aroclor-1016 [2C]	CT,NH,NY,ME,NC
Aroclor-1221	CT,NH,NY,ME,NC
Aroclor-1221 [2C]	CT,NH,NY,ME,NC
Aroclor-1232	CT,NH,NY,ME,NC
Aroclor-1232 [2C]	CT,NH,NY,ME,NC
Aroclor-1242	CT,NH,NY,ME,NC
Aroclor-1242 [2C]	CT,NH,NY,ME,NC
Aroclor-1248	CT,NH,NY,ME,NC
Aroclor-1248 [2C]	CT,NH,NY,ME,NC
Aroclor-1254	CT,NH,NY,ME,NC
Aroclor-1254 [2C]	CT,NH,NY,ME,NC
Aroclor-1260	CT,NH,NY,ME,NC
Aroclor-1260 [2C]	CT,NH,NY,ME,NC

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2013
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	1381	12/14/2012

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CHAIN OF CUSTODY RECORD

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Page 1 of 1

12F0552

Company Name: Woodard + Curran
Address: 35 N.E. Business Ctr - Suite 190
Andover, MA
Attention: J Hamel, G Franklin, K Rinard
Project Location: Amh College - Davis Hall
Sampled By: Kim Rinard

Telephone:
Project # 225406
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ✓ EMAIL ○ WEBSITE
Fax #: jhamel@woodardcurran.com
Email: gfranklin@ " " " "
Format: ✓ PDF ✓ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
✓ yes 2012 0130 proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code
01	DH-VBB-044	6/15/12	1150			B	Unk
02	DH-VBB-045	↓	1200			↓	↓
03	DH-VBB-046		1205				
04	DH-VBB-047	↓	1210			↓	↓
05	DH-VBB-048	6/15/12	1225			B	Unk
06	DH-VBB-049	↓	1220			↓	↓
07	DH-VBB-050		1255				
08	DH-VBB-051	↓	1320			↓	↓
~~09~~	~~DH-VBB-052~~		6/14/12	~~✓~~			
~~10~~	~~DH-VBB-053~~	6/15/12	6/14/12	~~✓~~		B	Unk

ANALYSIS REQUESTED

												# of Containers
												** Preservation
												***Container Code
EPA 8082/3540C Soxhlet												

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments: (1) EPA 8082 PCB via 3540C Soxhlet Ext (2) RL ≤ 1mg/kg
(3) RUSH TAT - 48 Hr

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
K Rinard	6/15/12 1615
Received by: (signature)	Date/Time:
	6/15/12 1515
Relinquished by: (signature)	Date/Time:
	6/15/12 1655
Received by: (signature) 2.5°C	Date/Time:
	6/15/12 16.55

Turnaround ††
☐ 7-Day
☐ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ 48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH nelac
AIHA ACCREDITED LABORATORY
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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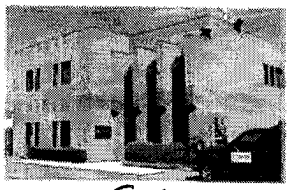

Sample Receipt Checklist

CLIENT NAME: Woodard + Curran **RECEIVED BY:** C.C-S. **DATE:** 6/15/12

1) Was the chain(s) of custody relinquished and signed? (Yes) No No CoC Included

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? (Yes) No

If not, explain:

4) How were the samples received:

On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 2.5°C

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? (Yes) No

Who was notified _____ Date _____ Time _____

7) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) Do all samples have the proper Acid pH: Yes No N/A _____

9) Do all samples have the proper Base pH: Yes No N/A _____

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	8
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below		PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

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June 20, 2012

George Franklin
Woodard & Curran - Andover, MA
35 New England Business Center
Andover, MA 01810

Project Location: Amherst College - Davis Hall Demo
Client Job Number:
Project Number: 225406
Laboratory Work Order Number: 12F0595

Enclosed are results of analyses for samples received by the laboratory on June 18, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Meghan E. Kelley
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Woodard & Curran - Andover, MA
35 New England Business Center
Andover, MA 01810
ATTN: George Franklin

REPORT DATE: 6/20/2012

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 225406

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12F0595

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Amherst College - Davis Hall Demo

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
DH-VBB-052	12F0595-01	Brick		SW-846 8082A	
DH-VBB-053	12F0595-02	Brick		SW-846 8082A	
DH-VBB-054	12F0595-03	Brick		SW-846 8082A	
DH-VBB-055	12F0595-04	Brick		SW-846 8082A	
DH-VBB-056	12F0595-05	Brick		SW-846 8082A	
DH-VBB-057	12F0595-06	Brick	Top Floor Window Right Side	SW-846 8082A	
DH-VBB-058	12F0595-07	Brick	Top Left Side Bsmt Storage	SW-846 8082A	
DH-VBB-059	12F0595-08	Brick	Top Right Side - Mech Rm	SW-846 8082A	
DH-VBBD-060	12F0595-09	Brick	057 Dup	SW-846 8082A	
DH-VBB-062	12F0595-10	Brick	1st/2nd Floor Window Left Side	SW-846 8082A	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson
Laboratory Director

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Project Location: Amherst College - Davis Hall Dem Sample Description: Work Order: 12F0595

Date Received: 6/18/2012

Field Sample #: DH-VBB-052 Sampled: 6/18/2012 09:10

Sample ID: 12F0595-01

Sample Matrix: Brick

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/20/12 9:35	MJC
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/20/12 9:35	MJC
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/20/12 9:35	MJC
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/20/12 9:35	MJC
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/20/12 9:35	MJC
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/20/12 9:35	MJC
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/20/12 9:35	MJC
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/20/12 9:35	MJC
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/20/12 9:35	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	119	30-150		6/20/12 9:35
Decachlorobiphenyl [2]	109	30-150		6/20/12 9:35
Tetrachloro-m-xylene [1]	95.4	30-150		6/20/12 9:35
Tetrachloro-m-xylene [2]	101	30-150		6/20/12 9:35

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Project Location: Amherst College - Davis Hall Dem Sample Description: Work Order: 12F0595

Date Received: 6/18/2012

Field Sample #: DH-VBB-053 Sampled: 6/18/2012 09:15

Sample ID: 12F0595-02

Sample Matrix: Brick

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 16:20	MJC
Aroclor-1221 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 16:20	MJC
Aroclor-1232 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 16:20	MJC
Aroclor-1242 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 16:20	MJC
Aroclor-1248 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 16:20	MJC
Aroclor-1254 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 16:20	MJC
Aroclor-1260 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 16:20	MJC
Aroclor-1262 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 16:20	MJC
Aroclor-1268 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 16:20	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	116	30-150		6/19/12 16:20
Decachlorobiphenyl [2]	110	30-150		6/19/12 16:20
Tetrachloro-m-xylene [1]	104	30-150		6/19/12 16:20
Tetrachloro-m-xylene [2]	111	30-150		6/19/12 16:20

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Project Location: Amherst College - Davis Hall Dem Sample Description: Work Order: 12F0595

Date Received: 6/18/2012

Field Sample #: DH-VBB-054 Sampled: 6/18/2012 09:25

Sample ID: 12F0595-03

Sample Matrix: Brick

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 16:33	MJC
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 16:33	MJC
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 16:33	MJC
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 16:33	MJC
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 16:33	MJC
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 16:33	MJC
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 16:33	MJC
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 16:33	MJC
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 16:33	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	107	30-150		6/19/12 16:33
Decachlorobiphenyl [2]	101	30-150		6/19/12 16:33
Tetrachloro-m-xylene [1]	95.1	30-150		6/19/12 16:33
Tetrachloro-m-xylene [2]	101	30-150		6/19/12 16:33

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Project Location: Amherst College - Davis Hall Dem Sample Description: Work Order: 12F0595

Date Received: 6/18/2012

Field Sample #: DH-VBB-055 Sampled: 6/18/2012 09:35

Sample ID: 12F0595-04

Sample Matrix: Brick

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 16:46	MJC
Aroclor-1221 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 16:46	MJC
Aroclor-1232 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 16:46	MJC
Aroclor-1242 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 16:46	MJC
Aroclor-1248 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 16:46	MJC
Aroclor-1254 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 16:46	MJC
Aroclor-1260 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 16:46	MJC
Aroclor-1262 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 16:46	MJC
Aroclor-1268 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 16:46	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	110	30-150		6/19/12 16:46
Decachlorobiphenyl [2]	106	30-150		6/19/12 16:46
Tetrachloro-m-xylene [1]	100	30-150		6/19/12 16:46
Tetrachloro-m-xylene [2]	107	30-150		6/19/12 16:46

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Project Location: Amherst College - Davis Hall Dem Sample Description: Work Order: 12F0595

Date Received: 6/18/2012

Field Sample #: DH-VBB-056 Sampled: 6/18/2012 09:50

Sample ID: 12F0595-05

Sample Matrix: Brick

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 16:59	MJC
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 16:59	MJC
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 16:59	MJC
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 16:59	MJC
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 16:59	MJC
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 16:59	MJC
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 16:59	MJC
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 16:59	MJC
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 16:59	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	110	30-150		6/19/12 16:59
Decachlorobiphenyl [2]	106	30-150		6/19/12 16:59
Tetrachloro-m-xylene [1]	103	30-150		6/19/12 16:59
Tetrachloro-m-xylene [2]	109	30-150		6/19/12 16:59

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Project Location: Amherst College - Davis Hall Dem Sample Description: Top Floor Window Right Side Work Order: 12F0595

Date Received: 6/18/2012

Field Sample #: DH-VBB-057 Sampled: 6/18/2012 14:45

Sample ID: 12F0595-06

Sample Matrix: Brick

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 17:12	MJC
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 17:12	MJC
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 17:12	MJC
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 17:12	MJC
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 17:12	MJC
Aroclor-1254 [2]	0.12	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 17:12	MJC
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 17:12	MJC
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 17:12	MJC
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 17:12	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	114	30-150		6/19/12 17:12
Decachlorobiphenyl [2]	108	30-150		6/19/12 17:12
Tetrachloro-m-xylene [1]	102	30-150		6/19/12 17:12
Tetrachloro-m-xylene [2]	108	30-150		6/19/12 17:12

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Project Location: Amherst College - Davis Hall Dem Sample Description: Top Left Side Bsmt Storage Work Order: 12F0595

Date Received: 6/18/2012

Field Sample #: DH-VBB-058 Sampled: 6/18/2012 14:20

Sample ID: 12F0595-07

Sample Matrix: Brick

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 17:25	MJC
Aroclor-1221 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 17:25	MJC
Aroclor-1232 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 17:25	MJC
Aroclor-1242 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 17:25	MJC
Aroclor-1248 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 17:25	MJC
Aroclor-1254 [2]	0.33	0.095	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 17:25	MJC
Aroclor-1260 [2]	0.40	0.095	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 17:25	MJC
Aroclor-1262 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 17:25	MJC
Aroclor-1268 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 17:25	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	107	30-150		6/19/12 17:25
Decachlorobiphenyl [2]	102	30-150		6/19/12 17:25
Tetrachloro-m-xylene [1]	96.4	30-150		6/19/12 17:25
Tetrachloro-m-xylene [2]	102	30-150		6/19/12 17:25

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Project Location: Amherst College - Davis Hall Dem Sample Description: Top Right Side - Mech Rm Work Order: 12F0595

Date Received: 6/18/2012

Field Sample #: DH-VBB-059 Sampled: 6/18/2012 14:30

Sample ID: 12F0595-08

Sample Matrix: Brick

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 17:38	MJC
Aroclor-1221 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 17:38	MJC
Aroclor-1232 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 17:38	MJC
Aroclor-1242 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 17:38	MJC
Aroclor-1248 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 17:38	MJC
Aroclor-1254 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 17:38	MJC
Aroclor-1260 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 17:38	MJC
Aroclor-1262 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 17:38	MJC
Aroclor-1268 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 17:38	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	111	30-150		6/19/12 17:38
Decachlorobiphenyl [2]	104	30-150		6/19/12 17:38
Tetrachloro-m-xylene [1]	100	30-150		6/19/12 17:38
Tetrachloro-m-xylene [2]	107	30-150		6/19/12 17:38

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Project Location: Amherst College - Davis Hall Dem Sample Description: 057 Dup Work Order: 12F0595

Date Received: 6/18/2012

Field Sample #: DH-VBBD-060 Sampled: 6/18/2012 14:45

Sample ID: 12F0595-09

Sample Matrix: Brick

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 17:50	MJC
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 17:50	MJC
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 17:50	MJC
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 17:50	MJC
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 17:50	MJC
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 17:50	MJC
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 17:50	MJC
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 17:50	MJC
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 17:50	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	102	30-150		6/19/12 17:50
Decachlorobiphenyl [2]	95.3	30-150		6/19/12 17:50
Tetrachloro-m-xylene [1]	87.7	30-150		6/19/12 17:50
Tetrachloro-m-xylene [2]	93.1	30-150		6/19/12 17:50

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Project Location: Amherst College - Davis Hall Dem Sample Description: 1st/2nd Floor Window Left Side Work Order: 12F0595

Date Received: 6/18/2012

Field Sample #: DH-VBB-062 Sampled: 6/18/2012 15:00

Sample ID: 12F0595-10

Sample Matrix: Brick

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 18:03	MJC
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 18:03	MJC
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 18:03	MJC
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 18:03	MJC
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 18:03	MJC
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 18:03	MJC
Aroclor-1260 [2]	0.11	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 18:03	MJC
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 18:03	MJC
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	6/18/12	6/19/12 18:03	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	121	30-150		6/19/12 18:03
Decachlorobiphenyl [2]	113	30-150		6/19/12 18:03
Tetrachloro-m-xylene [1]	106	30-150		6/19/12 18:03
Tetrachloro-m-xylene [2]	113	30-150		6/19/12 18:03

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Sample Extraction Data

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12F0595-01 [DH-VBB-052]	B053587	2.00	10.0	06/18/12
12F0595-02 [DH-VBB-053]	B053587	2.10	10.0	06/18/12
12F0595-03 [DH-VBB-054]	B053587	2.00	10.0	06/18/12
12F0595-04 [DH-VBB-055]	B053587	2.10	10.0	06/18/12
12F0595-05 [DH-VBB-056]	B053587	2.00	10.0	06/18/12
12F0595-06 [DH-VBB-057]	B053587	2.00	10.0	06/18/12
12F0595-07 [DH-VBB-058]	B053587	2.10	10.0	06/18/12
12F0595-08 [DH-VBB-059]	B053587	2.10	10.0	06/18/12
12F0595-09 [DH-VBBD-060]	B053587	2.00	10.0	06/18/12
12F0595-10 [DH-VBB-062]	B053587	2.00	10.0	06/18/12

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B053587 - SW-846 3540C										
Blank (B053587-BLK1)				Prepared: 06/18/12 Analyzed: 06/19/12						
Aroclor-1016	ND	0.10	mg/Kg							
Aroclor-1016 [2C]	ND	0.10	mg/Kg							
Aroclor-1221	ND	0.10	mg/Kg							
Aroclor-1221 [2C]	ND	0.10	mg/Kg							
Aroclor-1232	ND	0.10	mg/Kg							
Aroclor-1232 [2C]	ND	0.10	mg/Kg							
Aroclor-1242	ND	0.10	mg/Kg							
Aroclor-1242 [2C]	ND	0.10	mg/Kg							
Aroclor-1248	ND	0.10	mg/Kg							
Aroclor-1248 [2C]	ND	0.10	mg/Kg							
Aroclor-1254	ND	0.10	mg/Kg							
Aroclor-1254 [2C]	ND	0.10	mg/Kg							
Aroclor-1260	ND	0.10	mg/Kg							
Aroclor-1260 [2C]	ND	0.10	mg/Kg							
Aroclor-1262	ND	0.10	mg/Kg							
Aroclor-1262 [2C]	ND	0.10	mg/Kg							
Aroclor-1268	ND	0.10	mg/Kg							
Aroclor-1268 [2C]	ND	0.10	mg/Kg							
Surrogate: Decachlorobiphenyl	*1.20*		mg/Kg	1.00		120	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.12*		mg/Kg	1.00		112	30-150			
Surrogate: Tetrachloro-m-xylene	*1.03*		mg/Kg	1.00		103	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.10*		mg/Kg	1.00		110	30-150			
LCS (B053587-BS1)				Prepared: 06/18/12 Analyzed: 06/19/12						
Aroclor-1016	0.27	0.10	mg/Kg	0.250		109	40-140			
Aroclor-1016 [2C]	0.28	0.10	mg/Kg	0.250		113	40-140			
Aroclor-1260	0.27	0.10	mg/Kg	0.250		109	40-140			
Aroclor-1260 [2C]	0.30	0.10	mg/Kg	0.250		119	40-140			
Surrogate: Decachlorobiphenyl	*1.13*		mg/Kg	1.00		113	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.08*		mg/Kg	1.00		108	30-150			
Surrogate: Tetrachloro-m-xylene	*1.05*		mg/Kg	1.00		105	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.12*		mg/Kg	1.00		112	30-150			
LCS Dup (B053587-BSD1)				Prepared: 06/18/12 Analyzed: 06/19/12						
Aroclor-1016	0.26	0.10	mg/Kg	0.250		103	40-140	4.98	30	
Aroclor-1016 [2C]	0.28	0.10	mg/Kg	0.250		110	40-140	1.92	30	
Aroclor-1260	0.27	0.10	mg/Kg	0.250		106	40-140	2.75	30	
Aroclor-1260 [2C]	0.29	0.10	mg/Kg	0.250		115	40-140	2.80	30	
Surrogate: Decachlorobiphenyl	*1.10*		mg/Kg	1.00		110	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.05*		mg/Kg	1.00		105	30-150			
Surrogate: Tetrachloro-m-xylene	*1.03*		mg/Kg	1.00		103	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.09*		mg/Kg	1.00		109	30-150			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Product/Solid	
Aroclor-1016	CT,NH,NY,ME,NC
Aroclor-1016 [2C]	CT,NH,NY,ME,NC
Aroclor-1221	CT,NH,NY,ME,NC
Aroclor-1221 [2C]	CT,NH,NY,ME,NC
Aroclor-1232	CT,NH,NY,ME,NC
Aroclor-1232 [2C]	CT,NH,NY,ME,NC
Aroclor-1242	CT,NH,NY,ME,NC
Aroclor-1242 [2C]	CT,NH,NY,ME,NC
Aroclor-1248	CT,NH,NY,ME,NC
Aroclor-1248 [2C]	CT,NH,NY,ME,NC
Aroclor-1254	CT,NH,NY,ME,NC
Aroclor-1254 [2C]	CT,NH,NY,ME,NC
Aroclor-1260	CT,NH,NY,ME,NC
Aroclor-1260 [2C]	CT,NH,NY,ME,NC

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2013
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	1381	12/14/2012

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Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

12F0595

Company Name: Woodard & Curran
Address: 35 N.E. Bus Ctr Suite 180
Andover Mass
Attention: J Hamel, G. Franklin
Project Location: Amh College - Davis Hall Demo
Sampled By: Kim Rikard

Telephone:
Project # 225406
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ✓ EMAIL ○ WEBSITE
Fax# jhamel@woodardcurran.com
Email: gfranklin " " " "
Format: ✓ PDF ✓ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
✓ yes 20120130 proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	EPA 8082/3540C PCB	ANALYSIS REQUESTED
01	DH-VBB-052		0910			B		✓	
02	DH-VBB-053		0915					✓	
03	DH-VBB-054		0925					✓	
04	DH-VBB-055		0935					✓	
05	DH-VBB-056		0950			B		✓	
06	DH-VBB-057		1445					✓	Top floor window RH side
07	DH-VBB-058		1420					✓	Top LH side - Bsmt Storage
08	DH-VBB-059		1430					✓	Top RH side - Mech Rm
09	DH-VBBD-060		1445					✓	- 057 Dup
10	DH-VBB-062		1500			B		✓	1st/2nd flr window LH side

Comments: ① EPA 8082 PCBs via 3540C Soxhlet ② RL ≤ 1mg/kg
③ RUSH 48Hr TAT ④ North Stairwell Suite Doors

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
Kim Rikard	6/18/12 1710
Received by: (signature) Paul Racicot	6/18/12 17:10
Relinquished by: (signature) Paul Racicot	6/18/12 18:20
Received by: (signature)	Date/Time: 6/18 18:20

Turnaround ††
☐ 7-Day
☐ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
†Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other: RL ≤ 1mg/kg

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

# of Containers
**** Preservation**
*****Container Code**

Dissolved Metals
○ Field Filtered
○ Lab to Filter

*****Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

39 Spruce St.
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con-test® ANALYTICAL LABORATORY

Sample Receipt Checklist

CLIENT NAME: Woodard & Curran **RECEIVED BY:** SD **DATE:** 6/18/12

1) Was the chain(s) of custody relinquished and signed? (Yes) No No CoC Included

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? (Yes) No

If not, explain:

4) How were the samples received:

On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 5.7

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? (Yes) No

Who was notified _____ Date _____ Time _____

7) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) Do all samples have the proper Acid pH: Yes No (N/A) _____

9) Do all samples have the proper Base pH: Yes No (N/A) _____

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	10
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below		PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____

Bisulfate _____ # DI Water _____

Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

12F0594-01 CF-426-1

Analyte	Results		%RPD
Aroclor-1260 [2C]	9.6	6.38225	40.3
Aroclor-1254	37	26.19425	34.2

12F0595-01 DH-VBB-052

Analyte	Results		%RPD
Surrogates			
Decachlorobiphenyl	1.19	1.08939	8.83
Tetrachloro-m-xylene	0.954	1.00831	5.54

12F0595-02 DH-VBB-053

Analyte	Results		%RPD
Surrogates			
Decachlorobiphenyl	1.11	1.046076	5.93
Tetrachloro-m-xylene	0.988	1.055329	6.59

12F0595-03 DH-VBB-054

Analyte	Results		%RPD
Surrogates			
Decachlorobiphenyl	1.07	1.012635	5.51
Tetrachloro-m-xylene	0.951	1.011925	6.21

12F0595-04 DH-VBB-055

Analyte	Results		%RPD
Surrogates			
Decachlorobiphenyl	1.04	1.014248	2.51
Tetrachloro-m-xylene	0.955	1.018414	6.43

12F0595-05 DH-VBB-056

Analyte	Results		%RPD
Surrogates			
Tetrachloro-m-xylene	1.03	1.0926	5.9
Decachlorobiphenyl	1.10	1.055535	4.13

12F0595-06 DH-VBB-057

Analyte	Results		%RPD
Aroclor-1254 [2C]	0.12	0.093065	25.3
Surrogates			
Decachlorobiphenyl	1.14	1.080915	5.32
Tetrachloro-m-xylene	1.02	1.083795	6.06

12F0595-07 DH-VBB-058

Analyte	Results		%RPD
Aroclor-1254 [2C]	0.33	0.2293572	36
Aroclor-1260 [2C]	0.40	0.381581	4.71
Surrogates			
Decachlorobiphenyl	1.02	0.9691144	5.12
Tetrachloro-m-xylene	0.918	0.9759858	6.12

12F0595-08 DH-VBB-059

Analyte	Results		%RPD
Surrogates			
Tetrachloro-m-xylene	0.957	1.018414	6.22
Decachlorobiphenyl	1.05	0.9912048	5.76

12F0595-09 DH-VBBD-060

Analyte	Results		%RPD
Surrogates			
Decachlorobiphenyl	1.02	0.952875	6.8
Tetrachloro-m-xylene	0.877	0.931485	6.03

12F0595-10 DH-VBB-062

Analyte		Results	%RPD
Aroclor-1260 [2C]	0.11	0.11129	1.17
Surrogates			
Decachlorobiphenyl	1.21	1.13285	6.59
Tetrachloro-m-xylene	1.06	1.133015	6.66

B053587-BLK1 Blank

Analyte		Results	%RPD
Surrogates			
Tetrachloro-m-xylene	1.03	1.10392	6.93
Decachlorobiphenyl	1.20	1.115575	7.29

B053587-BS1 LCS

Analyte		Results	%RPD
Aroclor-1016	0.27	0.281455	4.15
Aroclor-1260	0.27	0.29646	9.34
Surrogates			
Tetrachloro-m-xylene	1.05	1.12169	6.6
Decachlorobiphenyl	1.13	1.07742	4.76

B053587-BSD1 LCS Dup

Analyte		Results	%RPD
Aroclor-1016	0.26	0.276095	6
Aroclor-1260	0.27	0.28828	6.55
Surrogates			
Decachlorobiphenyl	1.10	1.045985	5.03
Tetrachloro-m-xylene	1.03	1.087175	5.4

B053587-MS1 Matrix Spike

Analyte		Results	%RPD
Aroclor-1260	12	16.15025	29.5

B053587-MSD1 Matrix Spike Dup

Analyte		Results	%RPD
Aroclor-1260	13	16.326	22.7

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

September 13, 2012

George Franklin
Woodard & Curran - Andover, MA
35 New England Business Center
Andover, MA 01810

Project Location: Amherst College Davis Hall
Client Job Number:
Project Number: 225406
Laboratory Work Order Number: 12F0648

Enclosed are results of analyses for samples received by the laboratory on June 19, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Meghan E. Kelley
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Woodard & Curran - Andover, MA
35 New England Business Center
Andover, MA 01810
ATTN: George Franklin

REPORT DATE: 9/13/2012

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 225406

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12F0648

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Amherst College Davis Hall

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
DH-VBQ-061	12F0648-01	Water		SW-846 8082A	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

REVISED REPORT - 09/13/2012 - Sample ID revised per clients request.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Amherst College Davis Hall | Sample Description: | Work Order: 12F0648

Date Received: 6/19/2012

Field Sample #: DH-VBQ-061 | Sampled: 6/19/2012 11:25

Sample ID: 12F0648-01

Sample Matrix: Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082A	6/21/12	6/21/12 18:17	JMB
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082A	6/21/12	6/21/12 18:17	JMB
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082A	6/21/12	6/21/12 18:17	JMB
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082A	6/21/12	6/21/12 18:17	JMB
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082A	6/21/12	6/21/12 18:17	JMB
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082A	6/21/12	6/21/12 18:17	JMB
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082A	6/21/12	6/21/12 18:17	JMB
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082A	6/21/12	6/21/12 18:17	JMB
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082A	6/21/12	6/21/12 18:17	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	76.1	30-150		6/21/12 18:17
Decachlorobiphenyl [2]	73.2	30-150		6/21/12 18:17
Tetrachloro-m-xylene [1]	70.7	30-150		6/21/12 18:17
Tetrachloro-m-xylene [2]	71.2	30-150		6/21/12 18:17

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Sample Extraction Data

Prep Method: SW-846 3510C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12F0648-01 [DH-VBQ-061]	B053744	500	5.00	06/21/12

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B053744 - SW-846 3510C										
Blank (B053744-BLK1)				Prepared & Analyzed: 06/21/12						
Aroclor-1016	ND	0.20	µg/L							
Aroclor-1016 [2C]	ND	0.20	µg/L							
Aroclor-1221	ND	0.20	µg/L							
Aroclor-1221 [2C]	ND	0.20	µg/L							
Aroclor-1232	ND	0.20	µg/L							
Aroclor-1232 [2C]	ND	0.20	µg/L							
Aroclor-1242	ND	0.20	µg/L							
Aroclor-1242 [2C]	ND	0.20	µg/L							
Aroclor-1248	ND	0.20	µg/L							
Aroclor-1248 [2C]	ND	0.20	µg/L							
Aroclor-1254	ND	0.20	µg/L							
Aroclor-1254 [2C]	ND	0.20	µg/L							
Aroclor-1260	ND	0.20	µg/L							
Aroclor-1260 [2C]	ND	0.20	µg/L							
Aroclor-1262	ND	0.20	µg/L							
Aroclor-1262 [2C]	ND	0.20	µg/L							
Aroclor-1268	ND	0.20	µg/L							
Aroclor-1268 [2C]	ND	0.20	µg/L							
Surrogate: Decachlorobiphenyl	*1.67*		µg/L	2.00		83.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.56*		µg/L	2.00		77.9	30-150			
Surrogate: Tetrachloro-m-xylene	*1.27*		µg/L	2.00		63.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.33*		µg/L	2.00		66.6	30-150			
LCS (B053744-BS1)				Prepared & Analyzed: 06/21/12						
Aroclor-1016	0.48	0.20	µg/L	0.500		95.4	40-140			
Aroclor-1016 [2C]	0.50	0.20	µg/L	0.500		99.7	40-140			
Aroclor-1260	0.49	0.20	µg/L	0.500		98.8	40-140			
Aroclor-1260 [2C]	0.51	0.20	µg/L	0.500		101	40-140			
Surrogate: Decachlorobiphenyl	*2.15*		µg/L	2.00		107	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.99*		µg/L	2.00		99.4	30-150			
Surrogate: Tetrachloro-m-xylene	*1.58*		µg/L	2.00		79.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.68*		µg/L	2.00		84.1	30-150			
LCS Dup (B053744-BSD1)				Prepared & Analyzed: 06/21/12						
Aroclor-1016	0.47	0.20	µg/L	0.500		93.4	40-140	2.11	20	
Aroclor-1016 [2C]	0.49	0.20	µg/L	0.500		97.3	40-140	2.42	20	
Aroclor-1260	0.48	0.20	µg/L	0.500		96.5	40-140	2.28	20	
Aroclor-1260 [2C]	0.49	0.20	µg/L	0.500		98.9	40-140	2.31	20	
Surrogate: Decachlorobiphenyl	*1.95*		µg/L	2.00		97.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.82*		µg/L	2.00		91.1	30-150			
Surrogate: Tetrachloro-m-xylene	*1.43*		µg/L	2.00		71.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.53*		µg/L	2.00		76.3	30-150			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Water	
Aroclor-1016	CT,NH,NY,RI,NC,ME
Aroclor-1016 [2C]	CT,NH,NY,RI,NC,ME
Aroclor-1221	CT,NH,NY,RI,NC,ME
Aroclor-1221 [2C]	CT,NH,NY,RI,NC,ME
Aroclor-1232	CT,NH,NY,RI,NC,ME
Aroclor-1232 [2C]	CT,NH,NY,RI,NC,ME
Aroclor-1242	CT,NH,NY,RI,NC,ME
Aroclor-1242 [2C]	CT,NH,NY,RI,NC,ME
Aroclor-1248	CT,NH,NY,RI,NC,ME
Aroclor-1248 [2C]	CT,NH,NY,RI,NC,ME
Aroclor-1254	CT,NH,NY,RI,NC,ME
Aroclor-1254 [2C]	CT,NH,NY,RI,NC,ME
Aroclor-1260	CT,NH,NY,RI,NC,ME
Aroclor-1260 [2C]	CT,NH,NY,RI,NC,ME
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2013
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2013
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2013
FL	Florida Department of Health	E871027 NELAP	06/30/2013
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2013
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	1381	12/14/2012

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CHAIN OF CUSTODY RECORD

Rev 04.05.12

Company Name: Woodard + Curran
Address: 35 N.E. Business Ctr Suite 180
Andover, MA
Attention: J Hamel, G Franklin, K Rinard
Project Location: Amh College - Davis Hall Demo
Sampled By: Kim Rinard

Telephone:
Project #: 225486
Client PO#:

DATA DELIVERY (check all that apply)
○ FAX ☑ EMAIL ○ WEBSITE
Email #: jhamel@woodardcurran.com
Email: gfranklin@ [illegible]
Format: ☑ PDF ☑ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes ____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code
	DH - VBQ - 001	6/19/12	1125			AQ	L
	Note - Equipment Blank submitted to lab						
	6/19/12 as MP - VBQ - 213. Not						
	assigned to proper project.						
	Amh College Davis Hall is correct project						
	Thanks						
	Kim (413) 531-4455						

ANALYSIS REQUESTED

1												
F												
G												
EPA 8082 Aqueous												
L												

# of Containers
** Preservation
***Container Co

Dissolved Meta
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

Comments: (1) EPA 8082 - PCBs Aqueous (2) RL = 1ng/kg
(3) Standard 5 day TAT - No rush needed - Thanks

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
K Rinard (K Rinard)	6/19/12 1545
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
☑ 7-Day
☐ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID # ____

NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certifi

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY O
IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT. PLEASE BE CAREFUL NOT TO CONTAMINATE THIS PO

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
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Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

12F0648

Company Name: Woodard + Curran
Telephone:
Address: 35 N.E. Bus Ctr Suite 180 Andover MA
Project # 224867
Client PO#
Attention: J Hamel, G Franklin, K Rinard
Project Location: UMA McNamara Res
Sampled By: Kim Rinard

DATA DELIVERY (check all that apply)
○ FAX ☑ EMAIL ○ WEBSITE
Fax # jhamel@woodardcurran.com
Email: gfranklin " " " "
Format: ☑ PDF ☑ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code
01	MR-VBO-213	6/19/12	1125			AQ	L	1	H	6

ANALYSIS REQUESTED
EPA 8082 PCBs Aqueous
Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

6/19/12

Comments: (1) EPA 8082 PCBs - Aqueous (2) RL 1 ug/kg
(3) Standard 5 day TAT - Thanks

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

	Date/Time
Relinquished by: (signature) Karl (K Rinard)	6/19/12 1535
Received by: (signature) Paul Ravenet	6/19/12 1535
Relinquished by: (signature) Paul Ravenet	6/19/12 1740
Received by: (signature) 3.3	6/19/12 1740

Turnaround ††
☑ 7-Day
☐ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

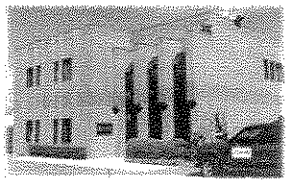
†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

con-test® ANALYTICAL LABORATORY

Sample Receipt Checklist



CLIENT NAME: Woodard + Curran RECEIVED BY: JB DATE: 6/19/12

1) Was the chain(s) of custody relinquished and signed? (Yes) No No CoC Included

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? (Yes) No

If not, explain:

4) How were the samples received:

On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 3.3°

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)

Who was notified _____ Date _____ Time _____

7) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) Do all samples have the proper Acid pH: Yes No (N/A) _____

9) Do all samples have the proper Base pH: Yes No (N/A) _____

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber	1	8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below		PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____

Bisulfate _____ # DI Water _____

Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

APPENDIX C: WASTE DOCUMENTS

MINERVA ENTERPRISES, IN
9000 Minerva Rd. P.O. Box 709
Waynesburg, OH 44688
Ph: 330-868-3435
Fax: 330-868-3488

Customer Name
RTL Enterprises

Ticket #: **282624**
Date: **08/02/2012**
Time: 10:21:28 AM

Customer #:	**769**	Gross Weight:	128480
Transporterr:	Weigle Trucking / L	Tare Weight:	30560
Truck Type:	Trailer dump	Net Weight(tons):	**48.96**
Truck License #:	**2802**	Volume Recieved(yards):	75
Location:	MA, Amherst	Waste Type:	Non Friable Asbestos
Generator:	Amherst College D	Minerva Job #:	'st,ma"nf-acm/pcb
ME REP/P.O.#:	srd		

Accepted: Yes If No, this material was rejected for the following reasons. _____

Driver: _____

I certify that all materials meet Stark County/ohio EPA specifications.

Minerva Enterprises Representative: _____

This certifies that the waste specified on this ticket has been properly disposed of in accordance with all local, state and federal regulations.

#1 PCB

WASTE SHIPMENT RECORD

DOCUMENT NUMBER AC-001

1. FACILITY NAME Davis Hall
Address 15 Merrill Science Drive
City Amherst State MA Zip 01002

OWNER's NAME Amherst College
Address 6 East Drive
City Amherst State MA Zip 01002
Owner's Phone: 413-542-8189
Owner's Fax:

GENERATOR

2. CONTRACTOR or OPERATOR's NAME NCM Demolition & Remediation, LP.
Address 14 Jewel Drive
City Wilmington State Massachusetts Zip 01887
Operator's Phone: 978-657-5445
OPERATOR's Fax: 978-657-5995

3. Waste disposal Site (WDS): Name, Mailing Address, and physical location — Onsite Disposal Yes or List:
Minerva Enterprises, LLC — P.O. Box 709 — Phone: 330-866-3435
8955 Minerva Road SE — Waynesburg, Ohio 44688-0709 — Fax:330-866-3488

4. Responsible Agency (Local, District, State, or EPA Office where notification was sent)
Agency: EPA New England
Address 1 Congress Street
City: Boston State Massachusetts Zip 02114-2023

5. Description of Materials	6. Containers NO: TYPE:	7. Total Quantity (Cubic Yards or Tons)
Construction And Demolition Debris Concrete PCB Bulk Product		

8. Special Handling Instructions & Additional Information:

9. Generator -Authorized Agent Certification: I hereby declare that the contents of this consignment are fully and accurately described by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transportation by highway to acceptable international and governmental regulations.

Printed/typed name & title: Richard A. Mears — Signature: Richard A Mears — Month/ Day / Year: 8/1/2012

TRANSPORTER

10.A Name of Transporter-1 (Verifies Receipt of above described materials) Red Technologies
Address 173 Pickering Street, Portland, CT 06480
Phone 860-342-1022 / Fax 860-342-1042
Printed or Typed Name & Title — Date:
Signature

10.B Name of Transporter-2 (Verifies Receipt of above described materials) Weigle Trucking
Address 974 Reynolds Rd, Linden PA
Phone — Fax
Printed or Typed Name & Title: Michael Seay — Date:
Signature

11. ALL TRANSPORTERS: ANY REJECTED OR NON-Listed materials ADDED or REMOVED during transit? (EXCEPT correcting Material Weight at loading location.)
If NO SKIP If Yes (LIST & Identify Transporter -10.A : Trans-1 or 10.B: Trans-2) Destination Facility for Rejected Materials: Driver Name

DISPOSAL FACILITY

13. Waste Disposal Site Owner or Auth. Agent:
Certification of Receipt of Asbestos Materials except item 12 notes.
TICKET # 26 2624
Certification of Receipt of asbestos materials covered by this manifest except as noted in item 12.
Printed/typed name - WDS Facility: Sharon Dunne — Signature: Sharon Dunne — Month/ Day / Year: 8/2/12

12. Waste Facility Discrepancy Indication Space

WHITE SIGNATURE Page MUST STAY ATTACHED! Until Delivery to MINERVA Facility (White,Yellow,Pink Gold)
White: Generator - Yellow: WDS - Pink: Transporter 1 - Gold: Transporter 2 - Blue: Contractor - [Green: Gen. REMAINS at Shipment]

MINERVA ENTERPRISES, IN
9000 Minerva Rd. P.O. Box 709
Waynesburg, OH 44688
Ph: 330-866-3435
Fax: 330-866-3488

Customer Name
RTL Enterprises

Ticket #: **262625**
Date: **08/02/2012**
Time: 10:28:31 AM

Customer #:	**769**	Gross Weight:	123820
Transporterr:	Weigle Trucking	Tare Weight:	32420
Truck Type:	Trailer dump	Net Weight(tons):	**45.7**
Truck License #:	**103**	Volume Recieved(yards):	65
Location:	MA, Amherst	Waste Type:	Non Friable Asbestos
Generator:	Amherst College	Minerva Job #:	'st,ma"nf-acm/pcb
ME REP/P.O.#:	srd		
Accepted:	Yes	If No, this material was rejected for the following reasons:	

Driver:

I certify that all materials meet Stark County/ohio EPA specifications.

Minerva Enterprises Representative:

This certifies that the waste specified on this ticket has been properly disposed of in accordance with all local, state and federal regulations.

WASTE SHIPMENT RECORD

DOCUMENT NUMBER AC-001A

1. FACILITY NAME Davis Hall
Address 15 Merrill Science Drive
City Amherst State MA Zip 01002

OWNER's NAME Amherst College
Address 6 East Drive
City Amherst State MA Zip 01002
Owner's Phone: 413-542-8189
Owner's Fax:

GENERATOR

2. CONTRACTOR or OPERATOR's NAME NCM Demolition & Remediation, LP.
Address 14 Jewel Drive
City Wilmington State Massachusetts Zip 01887
Operator's Phone: 978-657-5445
OPERATOR's Fax: 978-657-5995

3. Waste disposal Site (WDS): Name, Mailing Address, and physical location — Onsite Disposal: Yes or List:
Minerva Enterprises, LLC
8955 Minerva Road SE
P.O. Box 709
Waynesburg, Ohio 44688-0709
Phone: 330-866-3435
Fax: 330-866-3488

4. Responsible Agency (Local, District, State, or EPA Office where notification was sent)
Agency: EPA New England
Address 1 Congress Street
City: Boston State Massachusetts Zip 02114-2023

5. Description of Materials	6. Containers NO: TYPE:	7. Total Quantity (Cubic Yards or Tons)
Construction And Demolition Debris Concrete PCB Bulk Product		

8. Special Handling Instructions & Additional Information:

9. Generator -Authorized Agent Certification: I hereby declare that the contents of this consignment are fully and accurately described by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transportation by highway to acceptable international and governmental regulations.

Printed/typed name & title: RICHARD A. MEARS — Signature: Richard A Mears — Month/ Day / Year: 08/01/2012

TRANSPORTER

10.A Name of Transporter-1 (Verifies Receipt of above described materials)
Red Technologies
Address 173 Pickering Street, Portland, CT 06480
Phone / Fax 860-342-1022 / 860-342-1042
Printed or Typed Name & Title: ~~Vincent Dixon~~ VCD — Date: 8/1/12
Signature: VCD — 8/1/12

10.B Name of Transporter-2 (Verifies Receipt of above described materials)
Weigle Trucking Inc.
Address 274 Reynolds Road, Linden PA 17744
Phone / Fax (570) 326-5438
Printed or Typed Name & Title: Vincent Dixon — Date: 8/1/12
Signature — 8/1/12

11. ALL TRANSPORTERS: ANY REJECTED OR NON-Listed materials ADDED or REMOVED during transit? (EXCEPT Correcting Material Weight at loading location.)
If NO SKIP If Yes (LIST & Identify Transporter -10.A : Trans-1 or 10.B: Trans-2) Destination Facility for Rejected Materials: Driver Name

DISPOSAL

13. Waste Disposal Site Owner or Auth. Agent:
Certification of Receipt of Asbestos Materials except Item 12 notes.
TICKET # 262625
Certification of Receipt of asbestos materials covered by this manifest except as noted in Item 12.
Printed/typed name - WDS Facility: Sharon Dunne — Signature: SDunne — Month/ Day / Year: 8/2/12

12. Waste Facility Discrepancy Indication Space

WHITE SIGNATURE Page MUST STAY ATTACHED! Until Delivery to MINERVA Facility (White,Yellow,Pink Gold)
White: Generator - Yellow: WDS - Pink: Transporter 1 - Gold: Transporter 2 - Blue: Contractor - [Green: Gen. REMAINS at Shipment]

MINERVA ENTERPRISES, IN
9000 Minerva Rd. P.O. Box 709
Waynesburg, OH 44688
Ph: 330-868-3435
Fax: 330-868-3468

Customer Name
RTL Enterprises

Ticket #: **282620**
Date: **08/02/2012**
Time: 10:11:09 AM

Customer #:	**760**	Gross Weight:	142980
Transporterr:	Weigle Trucking	Tare Weight:	34600
Truck Type:	Trailer dump	Net Weight(tons):	**54.19**
Truck License #:	**4**	Volume Recieved(yards):	65
Location:	MA, Amherst	Waste Type:	Non Friable Asbestos
Generator:	Amherst College	Minerva Job #:	'amherst,ma*nf-ac
ME REP/P.O.#:	kll		
Accepted:	Yes	If No, this material was rejected for the following reasons.	

Driver: _____ Minerva Enterprises Representative: _____

I certify that all materials meet Stark County/ohio EPA specifications.

This certifies that the waste specified on this ticket has been properly disposed of in accordance with all local, state and federal regulations.

#2

WASTE SHIPMENT RECORD

DOCUMENT NUMBER B 12690

1. FACILITY NAME
Address DAVIS HALL
15 MERRILL SCIENCE DRIVE
City AMHERST State MA Zip 01002

OWNER's NAME AMHERST COLLEGE
Address 6 EAST DRIVE
City AMHERST State MA Zip 01002
Owner's Phone: 413-542-8189
Owner's Fax:

GENERATOR

2. CONTRACTOR or OPERATOR's NAME NCM DEMOLITION + REMEDIATION, LP.
Address 14 JEWEL DRIVE
City WILMINGTON State MASSACHUSETTS Zip 02114-2023
Operator's Phone: 978 657-5445
OPERATOR's Fax: 978 657-5995

3. Waste disposal Site (WDS): Name, Mailing Address, and physical location — **Onsite Disposal** Yes or List:
Minerva Enterprises, LLC | P.O. Box 709 | Phone: 330-866-3435
8955 Minerva Road SE | Waynesburg, Ohio 44688-0709 | Fax:330-866-3488

4. Responsible Agency (Local, District, State, or EPA Office where notification was sent)
Agency: EPA NEW ENGLAND Address 1 CONGRESS STREET
City: BOSTON State MASSACHUSETTS Zip 02114-2023

5. Description of Materials	6. Containers NO:	TYPE:	7. Total Quantity (Cubic Yards or Tons)
CONSTRUCTION AND DEMOLITION DEBRIS CONCRETE PCB BULK PRODUCT WASTE			65

8. Special Handling Instructions & Additional Information:

9. Generator -Authorized Agent Certification: I hereby declare that the contents of this consignment are fully and accurately described by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transportation by highway to acceptable international and governmental regulations.

Printed/typed name & title: RICHARD A. MEARS Signature: Richard A Mears Month/ Day / Year: 08/01/2012

TRANSPORTER

10.A Name of Transporter-1 (Verifies Receipt of above described materials) RED TECHNOLOGIES
Address 173 PICKERING ST. PORTLAND, CT 06480 Phone 860-342-1022 Fax 860 342-1042
Printed or Typed Name & Title: Date:
Signature:

10.B Name of Transporter-2 (Verifies Receipt of above described materials) Weigle Trucking
Address 274 Reynolds Road Linden NC Phone: Fax:
Printed or Typed Name & Title: Richie Shoemaker Date: 8-1-12
Signature:

11. ALL TRANSPORTERS: ANY REJECTED OR NON-Listed materials ADDED or REMOVED during transit? (EXCEPT Correcting Material Weight at loading location.)
If NO SKIP — If Yes (LIST & Identify Transporter -10.A : Trans-1 or 10.B: Trans-2) Destination Facility for Rejected Materials: Driver Name

13. Waste Disposal Site Owner or Auth. Agent:

12. Waste Facility Discrepancy Indication Space

DISPOSAL FACILITY

Certification of Receipt of Asbestos Materials except item 12 notes.
TICKET # 262620
Certification of Receipt of asbestos materials covered by this manifest except as noted in Item 12.
Printed/typed name - WDS Facility: Kristina Loft Signature: K Loft Month/ Day / Year: 8-2-12

WHITE SIGNATURE Page MUST STAY ATTACHED! Until Delivery to MINERVA Facility (White,Yellow,Pink Gold)
White: Generator - Yellow: WDS - Pink: Transporter 1 - Gold: Transporter 2 - Blue: Contractor - [Green: Gen. REMAINS at Shipment]

MINERVA ENTERPRISES, IN
9000 Minerva Rd. P.O. Box 709
Waynesburg, OH 44688
Ph: 330-866-3435
Fax: 330-866-3466

Customer Name
RTL Enterprises

Ticket #: **262683**
Date: **08/03/2012**
Time: 9:55:12 AM

Customer #:	**769**	Gross Weight:	123920
Transporterr:	Green Outlook	Tare Weight:	35160
Truck Type:	Trailer dump	Net Weight(tons):	**44.38**
Truck License #:	**109**	Volume Recieved(yards):	80
Location:	MA, Amherst	Waste Type:	Non Friable Asbestos
Generator:	Davis Hall	Minerva Job #:	'st,ma"nf-acm/pcb
ME REP/P.O.#:	ker		

Accepted: Yes If No, this material was rejected for the following reasons. _____

Driver: _____

I certify that all materials meet Stark County/ohio EPA specifications.

Minerva Enterprises Representative: _____

This certifies that the waste specified on this ticket has been properly disposed of in accordance with all local, state and federal regulations.

WASTE SHIPMENT RECORD

DOCUMENT NUMBER B 12677

1. FACILITY NAME DAVIS HALL
Address: 15 MERRILL SCIENCE DR.
City: AMHERST State: MA Zip: 01002

OWNER's NAME AMHERST COLLEGE
Address: 6 EAST DRIVE
City: AMHERST State: MA Zip: 01002
Owner's Phone: 413 542-8189
Owner's Fax:

GENERATOR

2. CONTRACTOR or OPERATOR's NAME NCM DEMOLITION + REMEDIATION, LP
Address: 14 JEWEL DR.
City: WILMINGTON State: MA Zip: 01887
Operator's Phone: 978 657-5445
OPERATOR's Fax: 978 657-5995

3. Waste disposal Site (WDS): Name, Mailing Address, and physical location
Minerva Enterprises, LLC | P.O. Box 709 | Phone: 330-866-3435
8955 Minerva Road SE | Waynesburg, Ohio 44688-0709 | Fax:330-866-3488
Onsite Disposal Yes or List:

4. Responsible Agency (Local, District, State, or EPA Office where notification was sent)
Agency: EPA NEW ENGLAND
Address: 1 CONGRESS STREET
City: BOSTON State: MA Zip: 02114-2023

5. Description of Materials	6. Containers NO: TYPE:	7. Total Quantity (Cubic Yards or Tons)
CONSTRUCTION + DEMOLITION DEBRIS CONCRETE PLB BULK PRODUCT	DUMP TRAILER	80 CY

8. Special Handling Instructions & Additional Information:

9. Generator -Authorized Agent Certification: I hereby declare that the contents of this consignment are fully and accurately described by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transportation by highway to acceptable international and governmental regulations.

Printed/typed name & title: RICHARD A. MEANS
Signature: Richard A Means
Month/ Day / Year: 08/02/2012

TRANSPORTER

10.A Name of Transporter-1 (Verifies Receipt of above described materials): RED TECHNOLOGIES
Address: 173-PICKERING CT. Phone 860 342-1022 Fax 860 342-1042
PORTLAND, CT 06480
Printed or Typed Name & Title: Date:
Signature:

10.B Name of Transporter-2 (Verifies Receipt of above described materials): Green Outlook (Wesle)
Address: 9 Angelo Dr. Spofford Phone: Fax:
Printed or Typed Name & Title: Chris Kuyl Driver Date: 8/2/12
Signature:

11.ALL TRANSPORTERS: ANY REJECTED OR NON-Listed materials *ADDED or REMOVED* during transit? (EXCEPT Correcting Material Weight at loading location.)
If NO SKIP If Yes (LIST & Identify Transporter -10.A : Trans-1 or 10.B: Trans-2) Destination Facility for Rejected Materials: Driver Name

DISPOSAL FACILITY

13. Waste Disposal Site Owner or Auth. Agent:
Certification of Receipt of Asbestos Materials except item 12 notes.
TICKET # 262683
Certification of Receipt of asbestos materials covered by this manifest except as noted in Item 12.
Printed/typed name - WDS Facility: Kim Roberts
Signature: K. Roberts
Month/ Day / Year: 8/3/12

12. Waste Facility Discrepancy Indication Space

WHITE SIGNATURE Page MUST STAY ATTACHED! Until Delivery to MINERVA Facility (White,Yellow,Pink Gold)
White: Generator - Yellow: WDS - Pink: Transporter 1 - Gold: Transporter 2 - Blue: Contractor - [Green: Gen. REMAINS at Shipment]

MINERVA ENTERPRISES, IN
9000 Minerva Rd. P.O. Box 709
Waynesburg, OH 44688
Ph: 330-866-3435
Fax: 330-866-3488

Customer Name
RTL Enterprises

Ticket #: **202082**
Date: **08/03/2012**
Time: 9:53:13 AM

Customer #:	**769**	Gross Weight:	123460
Transporterr:	Weigle Trucking	Tare Weight:	30440
Truck Type:	Trailer dump	Net Weight(tons):	**48.51**
Truck License #:	**006**	Volume Recieved(yards):	70
Location:	MA, Amherst	Waste Type:	Non Friable Asbestos
Generator:	Davis Hall	Minerva Job #:	ston,nj*nf-acm/pcb
ME REP/P.O.#:	srd		

Accepted: Yes If No, this material was rejected for the following reasons. _____

Driver: _____ Minerva Enterprises Representative: _____

I certify that all materials meet Stark County/Ohio EPA specifications.

This certifies that the waste specified on this ticket has been properly disposed of in accordance with all local, state and federal regulations.

#5

WASTE SHIPMENT RECORD

DOCUMENT NUMBER B 12678

1. FACILITY NAME DAVIS HALL
Address: 15 MERRILL SCIENCE DR
City: AMHERST State: MA Zip: 01002

OWNER's NAME AMHERST COLLEGE
Address: 6 EAST DRIVE
City: AMHERST State: MA Zip: 01002
Owner's Phone: 413 542-8189
Owner's Fax:

GENERATOR

2. CONTRACTOR or OPERATOR's NAME NCM DEMOLITION + REMEDIATION, LP.
Address: 14 JEWEL DR.
City: WILMINGTON State: MA Zip: 01887
Operator's Phone: 978 657-5445
OPERATOR's Fax: 978 657-5995

3. Waste disposal Site (WDS): Name, Mailing Address, and physical location — **Onsite Disposal** Yes or List:
Minerva Enterprises, LLC | P.O. Box 709 | Phone: 330-866-3435
8955 Minerva Road SE | Waynesburg, Ohio 44688-0709 | Fax:330-866-3488

4. Responsible Agency (Local, District, State, or EPA Office where notification was sent)
Agency: EPA NEW ENGLAND Address: 1 CONGRESS STREET
City: BOSTON State: MA Zip: 02114-2023

5. Description of Materials	6. Containers NO:	TYPE:	7. Total Quantity (Cubic Yards or Tons)
Construction + Demolition DeBRIS CONCRETE @LB BULK PRODUCT	1	dump	70yds

8. Special Handling Instructions & Additional Information:

9. Generator -Authorized Agent Certification: I hereby declare that the contents of this consignment are fully and accurately described by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transportation by highway to acceptable international and governmental regulations.

Printed/typed name & title: Richard A Means — Signature: Richard A Means — Month/ Day / Year: 8/2/2012

TRANSPORTER

10.A Name of Transporter-1 (Verifies Receipt of above described materials): RED TECHNOLOGIES
Address: 173 PICKERING St. Phone 860 342-1022 Fax 860 342-1042
PORTLAND, CT 06480
Printed or Typed Name & Title: Jarrod Mitchell Date: 8.2.12
Signature: Jarrod Mitchell

10.B Name of Transporter-2 (Verifies Receipt of above described materials)
Address: Phone: Fax:
Printed or Typed Name & Title: Date:
Signature:

11. ALL TRANSPORTERS: ANY REJECTED OR NON-Listed materials *ADDED or REMOVED* during transit? (EXCEPT Correcting Material Weight at loading location.)
If NO SKIP If Yes (LIST & Identify Transporter -10.A : Trans-1 or 10.B: Trans-2) Destination Facility for Rejected Materials: Driver *Name*

DISPOSAL FACILITY

13. Waste Disposal Site Owner or Auth. Agent:
Certification of Receipt of Asbestos Materials except item 12 notes.
TICKET # 262682
Certification of Receipt of asbestos materials covered by this manifest except as noted in Item 12.
Printed/typed name - WDS Facility: Sharon Dunne — Signature: Sharon Dunne — Month/ Day / Year: 8/3/12

12. Waste Facility Discrepancy Indication Space

WHITE SIGNATURE Page MUST STAY ATTACHED! Until Delivery to MINERVA Facility (White,Yellow,Pink Gold)
White: Generator - Yellow: WDS - Pink: Transporter 1 - Gold: Transporter 2 - Blue: Contractor - [Green: Gen. REMAINS at Shipment]

MINERVA ENTERPRISES, IN
9000 Minerva Rd. P.O. Box 709
Waynesburg, OH 44688
Ph: 330-866-3435
Fax: 330-866-3466

Customer Name
RTL Enterprises

Ticket #: 262081
Date: 08/03/2012
Time: 9:45:56 AM

Customer #:	789	Gross Weight:	124000
Transporter:	Weigle Trucking	Tare Weight:	30480
Truck Type:	Trailer dump	Net Weight(tons):	46.76
Truck License #:	122	Volume Recieved(yards):	70
Location:	MA, Amherst	Waste Type:	Non Friable Asbestos
Generator:	Davis Hall	Minerva Job #:	st,ma*nf-acm/pcb
ME REP/P.O.#:	srd		

Accepted: Yes If No, this material was rejected for the following reasons. _____

Driver: _____

I certify that all materials meet Stark County/ohio EPA specifications.

Minerva Enterprises Representative: _____

This certifies that the waste specified on this ticket has been properly disposed of in accordance with all local, state and federal regulations.

WASTE SHIPMENT RECORD

DOCUMENT NUMBER B 12679

1. FACILITY NAME DAVIS HALL
Address: 15 MERRILL SCIENCE DR
City: AMHERST State: MA Zip: 01002

OWNER's NAME AMHERST COLLEGE
Address: 6 EAST DRIVE
City: AMHERST State: MA Zip: 01002
Owner's Phone: 413 542-8189
Owner's Fax:

GENERATOR

2. CONTRACTOR or OPERATOR's NAME NCM DEMOLITION & REMEDIATION, LP
Address: 14 JEWELL DR.
City: WILMINGTON State: MA Zip: 01887
Operator's Phone: 978 657-5445
OPERATOR's Fax: 978 657-5995

3. Waste disposal Site (WDS): Name, Mailing Address, and physical location — **Onsite Disposal**
Minerva Enterprises, LLC | P.O. Box 709 | Phone: 330-866-3435 | Yes or List:
8955 Minerva Road SE | Waynesburg, Ohio 44688-0709 | Fax:330-866-3488

4. Responsible Agency (Local, District, State, or EPA Office where notification was sent)
Agency: EPA NEW ENGLAND
Address: 1 CONGRESS STREET
City: BOSTON State: MASSACHUSETTS Zip: 02114-2023

5. Description of Materials	6. Containers NO:	TYPE:	7. Total Quantity (Cubic Yards or Tons)
CONSTRUCTION + DEMOLITION DEBRIS CONCRETE PLB BULK PRODUCT		Dump	70

8. Special Handling Instructions & Additional Information:

9. Generator -Authorized Agent Certification: I hereby declare that the contents of this consignment are fully and accurately described by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transportation by highway to acceptable international and governmental regulations.

Printed/typed name & title: RICHARD A. MEARS
Signature: Richard A Mears
Month/ Day / Year: 8/2/2012

TRANSPORTER

10.A Name of Transporter-1 (Verifies Receipt of above described materials): RED TECHNOLOGIES
Address: 173 PICKERING ST. PORTLAND CT 06480
Phone 860 342-1022 Fax 860 342-1042
Printed or Typed Name & Title: Scott Catherman
Signature: 8/2/12
Date:

10.B Name of Transporter-2 (Verifies Receipt of above described materials)
Address | Phone | Fax
Printed or Typed Name & Title | Date:
Signature

11. ALL TRANSPORTERS: ANY REJECTED OR NON-Listed materials *ADDED or REMOVED* during transit? (EXCEPT Correcting Material Weight at loading location.)
If NO SKIP If Yes (LIST & Identify Transporter -10.A : Trans-1 or 10.B: Trans-2) Destination Facility for Rejected Materials: Driver *Name*

13. Waste Disposal Site Owner or Auth. Agent:

DISPOSAL FACILITY

Certification of Receipt of Asbestos Materials except item 12 notes.
TICKET # 262681
Certification of Receipt of asbestos materials covered by this manifest except as noted in Item 12.
Printed/typed name - WDS Facility: Sharon Dunne
Signature: S Dunne
Month/ Day / Year: 8/3/12

12. Waste Facility Discrepancy Indication Space

WHITE SIGNATURE Page MUST STAY ATTACHED! Until Delivery to MINERVA Facility (White,Yellow,Pink Gold)
White: Generator - Yellow: WDS - Pink: Transporter 1 - Gold: Transporter 2 - Blue: Contractor - [Green: Gen. REMAINS at Shipment]

MINERVA ENTERPRISES, IN
9000 Minerva Rd. P.O. Box 709
Waynesburg, OH 44688
Ph: 330-868-3435
Fax: 330-868-3488

Customer Name
RTL Enterprises

Ticket #: **262680**
Date: **08/03/2012**
Time: 9:46:53 AM

Customer #:	**769**	Gross Weight:	147720
Transporter:	Weigle Trucking	Tare Weight:	30660
Truck Type:	Trailer dump	Net Weight(tons):	**58.53**
Truck License #:	3	Volume Recieved(yards):	70
Location:	MA, Amherst	Waste Type:	Non Friable Asbestos
Generator:	Davis Hall	Minerva Job #:	st,ma*nf-acm/pcb
ME REP/P.O.#:	ker		
Accepted:	Yes	If No, this material was rejected for the following reasons.	

Driver: _____ Minerva Enterprises Representative: _____

I certify that all materials meet Stark County/ohio EPA specifications.

This certifies that the waste specified on this ticket has been properly disposed of in accordance with all local, state and federal regulations.

#607

WASTE SHIPMENT RECORD

DOCUMENT NUMBER B 12680

1. FACILITY NAME DAVIS HALL
Address 15 MERRILL SCIENCE DR
City AMHERST State MA Zip 01002

OWNER's NAME AMHERST COLLEGE
Address 6 EAST DRIVE
City AMHERST State MA Zip 01002
Owner's Phone: 413 542-8189
Owner's Fax:

GENERATOR

2. CONTRACTOR or OPERATOR's NAME NCM DEMOLITION + REMEDIATION LP.
Address 14 JEWEL DR.
City WILMINGTON State MASSACHUSETTS Zip 01887
Operator's Phone: 978 657-5445
OPERATOR's Fax: 978 657-5995

3. Waste disposal Site (WDS): Name, Mailing Address, and physical location — **Onsite Disposal**
Minerva Enterprises, LLC | P.O. Box 709 | Phone: 330-866-3435 | Yes or List:
8955 Minerva Road SE | Waynesburg, Ohio 44688-0709 | Fax:330-866-3488

4. Responsible Agency (Local, District, State, or EPA Office where notification was sent)
Agency: EPA NEW ENGLAND Address 1 Congress street.
City: BOSTON State MASSACHUSETTS Zip 02114-2023

5. Description of Materials	6. Containers NO: TYPE:	7. Total Quantity (Cubic Yards or Tons)
CONSTRUCTION + DEMOLITION DEBRIS CONCRETE PLB BULK PRODUCT		70

8. Special Handling Instructions & Additional Information:

9. Generator -Authorized Agent Certification: I hereby declare that the contents of this consignment are fully and accurately described by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transportation by highway to acceptable international and governmental regulations.

Printed/typed name & title: Richard A. McKay Signature: Richard A McKay Month/ Day / Year: 8/2/2012

TRANSPORTER

10.A Name of Transporter-1 (Verifies Receipt of above described materials): RED TECHNOLOGIES
Address 173 PICKERING ST. PORTLAND, CT 06480 Phone 860 342-1022 Fax 860 342-1042
Printed or Typed Name & Title: C BRUNETT Date: 8-2-12
Signature: C Brunett

10.B Name of Transporter-2 (Verifies Receipt of above described materials)
Address Phone Fax
Printed or Typed Name & Title Date:
Signature

11. ALL TRANSPORTERS: ANY REJECTED OR NON-Listed materials *ADDED or REMOVED* during transit? (EXCEPT Correcting Material Weight at loading location.)
If NO SKIP If Yes (LIST & Identify Transporter -10.A : Trans-1 or 10.B: Trans-2) Destination Facility for Rejected Materials: Driver *Name*

13. Waste Disposal Site Owner or Auth. Agent:
DISPOSAL FACILITY
Certification of Receipt of Asbestos Materials except item 12 notes.
TICKET # 262680
Certification of Receipt of asbestos materials covered by this manifest except as noted in Item 12.
Printed/typed name - WDS Facility: Kim Roberts Signature: K. Roberts Month/ Day / Year: 8/3/12

12. Waste Facility Discrepancy Indication Space

WHITE SIGNATURE Page MUST STAY ATTACHED! Until Delivery to MINERVA Facility (White,Yellow,Pink Gold)
White: Generator - Yellow: WDS - Pink: Transporter 1 - Gold: Transporter 2 - Blue: Contractor - [Green: Gen. REMAINS at Shipment]

MINERVA ENTERPRISES, IN
9000 Minerva Rd. P.O. Box 709
Waynesburg, OH 44688
Ph: 330-866-3435
Fax: 330-866-3486

Customer Name
RTL Enterprises

Ticket #: **262690**
Date: **08/03/2012**
Time: 10:47:05 AM

Customer #:	**769**	Gross Weight:	123880
Transporter:	Weigle Trucking	Tare Weight:	34300
Truck Type:	Trailer dump	Net Weight(tons):	**44.79**
Truck License #:	2	Volume Recieved(yards):	90
Location:	MA, Amherst	Waste Type:	Non Friable Asbestos
Generator:	Davis Hall	Minerva Job #:	'st,ma'nf-acm/pcb
ME REP/P.O.#:	srd		
Accepted:	Yes	If No, this material was rejected for the following reasons.	

Driver:

I certify that all materials meet Stark County/ohio EPA specifications.

Minerva Enterprises Representative:

This certifies that the waste specified on this ticket has been properly disposed of in accordance with all local, state and federal regulations.

WASTE SHIPMENT RECORD

DOCUMENT NUMBER B 12681

1. FACILITY NAME DAVIS HALL
Address: 15 MERRILL SCIENCE DR.
City: AMHERST State: MA Zip: 01002

OWNER's NAME AMHERST COLLEGE
Address: 6 EAST DRIVE
City: AMHERST State: MA Zip: 01002
Owner's Phone: 413 542-8189
Owner's Fax:

GENERATOR

2. CONTRACTOR or OPERATOR's NAME NCM DEMOLITION + REMEDIATION, LP
Address: 14 JEWEL DR.
City: WILMINGTON State: MASSACHUSETTS Zip: 01887
Operator's Phone: 978 657-5445
OPERATOR's Fax: 978 657-5995

3. Waste disposal Site (WDS): Name, Mailing Address, and physical location — Onsite Disposal: Yes or List:
Minerva Enterprises, LLC | P.O. Box 709 | Phone: 330-866-3435
8955 Minerva Road SE | Waynesburg, Ohio 44688-0709 | Fax:330-866-3488

4. Responsible Agency (Local, District, State, or EPA Office where notification was sent)
Agency: EPA NEW ENGLAND
Address: 1 CONGRESS STREET
City: BOSTON State: MASSACHUSETTS Zip: 02114-2023

5. Description of Materials	6. Containers NO:	TYPE:	7. Total Quantity (Cubic Yards or Tons)
CONSTRUCTION + DEMOLITION DEBRIS CONCRETE PER BULK PRODUCT			

8. Special Handling Instructions & Additional Information:

9. Generator -Authorized Agent Certification: I hereby declare that the contents of this consignment are fully and accurately described by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transportation by highway to acceptable international and governmental regulations.

Printed/typed name & title: RICHARD A. MEARS | Signature: Richard A Mears | Month/ Day / Year: 08/02/2012

TRANSPORTER

10.A Name of Transporter-1 (Verifies Receipt of above described materials): RED TECHNOLOGIES
Address: 173 PICKERING ST. PORTLAND, CT 06480
Phone 860 342-1022 Fax 860 342-1042
Printed or Typed Name & Title: Date:
Signature:

10.B Name of Transporter-2 (Verifies Receipt of above described materials): Weigle Trucking Co
Address: JK Reynolds Rd Linden PA 17744
Phone: 570 326 5432 Fax:
Printed or Typed Name & Title: DUANE GRANITE Date: 8-2-12
Signature:

11.ALL TRANSPORTERS: ANY REJECTED OR NON-Listed materials *ADDED or REMOVED* during transit? (EXCEPT Correcting Material Weight at loading location.)
If NO SKIP If Yes (LIST & Identify Transporter -10.A : Trans-1 or 10.B: Trans-2) Destination Facility for Rejected Materials: Driver *Name*

DISPOSAL FACILITY

13. Waste Disposal Site Owner or Auth. Agent:
Certification of Receipt of Asbestos Materials except item 12 notes.
TICKET # 262690
Certification of Receipt of asbestos materials covered by this manifest except as noted in Item 12.
Printed/typed name - WDS Facility: Sharon Dunne | Signature: Sharon Dunne | Month/ Day / Year: 8/3/12

12. Waste Facility Discrepancy Indication Space

WHITE SIGNATURE Page MUST STAY ATTACHED! Until Delivery to MINERVA Facility (White,Yellow,Pink Gold)
White: Generator - Yellow: WDS - Pink: Transporter 1 - Gold: Transporter 2 - Blue: Contractor - [Green: Gen. REMAINS at Shipment]

MINERVA ENTERPRISES, IN
9000 Minerva Rd. P.O. Box 709
Waynesburg, OH 44688
Ph: 330-868-3435
Fax: 330-868-3488

Customer Name
RTL Enterprises

Ticket #: 262775
Date: 08/06/2012
Time: 10:34:07 AM

Customer #:	769	Gross Weight:	125500
Transporterr:	Weigle Trucking / T	Tare Weight:	29900
Truck Type:	Trailer dump	Net Weight(tons):	47.8
Truck License #:	20	Volume Recieved(yards):	80
Location:	MA, Amherst	Waste Type:	Non Friable Asbestos
Generator:	Davis Hall	Minerva Job #:	'st,ma"nf-acm/pcb
ME REP/P.O.#:	srd		

Accepted: Yes If No, this material was rejected for the following reasons.

Driver: Scott Miller

I certify that all materials meet Stark County/ohio EPA specifications.

Minerva Enterprises Representative: A Dunne

This certifies that the waste specified on this ticket has been properly disposed of in accordance with all local, state and federal regulations.

#5

WASTE SHIPMENT RECORD

DOCUMENT NUMBER B 12682

1. FACILITY NAME DAVIS HALL
Address 15 MERRILL SCIENCE DR.
City AMHERST State MA Zip 01002

OWNER's NAME AMHERST COLLEGE
Address 6 EAST DRIVE
City AMHERST State MA Zip 01002
Owner's Phone: 413 542-8189
Owner's Fax:

GENERATOR

2. CONTRACTOR or OPERATOR's NAME NCM DEMOLITION + REMEDIATION, LLC
Address 14 JEWEL DR.
City WILMINGTON State MASSACHUSETTS Zip 01887
Operator's Phone: 978 657-5445
OPERATOR's Fax: 978 657-5995

3. Waste disposal Site (WDS): Name, Mailing Address, and physical location
Minerva Enterprises, LLC | P.O. Box 709 | Phone: 330-866-3435
8955 Minerva Road SE | Waynesburg, Ohio 44688-0709 | Fax:330-866-3488
Onsite Disposal: Yes or List:

4. Responsible Agency (Local, District, State, or EPA Office where notification was sent)
Agency: EPA NEW ENGLAND
Address 1 CONGRESS STREET
City: BOSTON State MASSACHUSETTS Zip 02114-2023

5. Description of Materials	6. Containers NO: TYPE:	7. Total Quantity (Cubic Yards or Tons)
CONSTRUCTION + DEMOLITION DEBRIS CONCRETE PCB BULK PRODUCT		

8. Special Handling Instructions & Additional Information:

9. Generator -Authorized Agent Certification: I hereby declare that the contents of this consignment are fully and accurately described by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transportation by highway to acceptable international and governmental regulations.

Printed/typed name & title: RICHARD A. MEARS
Signature: Richard A Mears
Month | Day | Year: 8/3/2012

TRANSPORTER

10.A Name of Transporter-1 (Verifies Receipt of above described materials) RED TECHNOLOGIES
Address 173 PICKERING ST, PORTLAND, CT. 06480
Phone 860 342-1022 Fax 860 342-1042
Printed or Typed Name & Title
Date:
Signature

10.B Name of Transporter-2 (Verifies Receipt of above described materials) Weight Trucking
Address 274 Reynold Rd Lincoln, RI 17774
Phone Fax
Printed or Typed Name & Title: Scott Hebert
Date: 8-3-12
Signature

11. ALL TRANSPORTERS: ANY REJECTED OR NON-Listed materials ADDED or REMOVED during transit? (EXCEPT Correcting Material Weight at loading location.)
If NO SKIP
If Yes (LIST & Identify Transporter -10.A : Trans-1 or 10.B: Trans-2) Destination Facility for Rejected Materials: Driver Name

DISPOSAL FACILITY

13. Waste Disposal Site Owner or Auth. Agent:
Certification of Receipt of Asbestos Materials except item 12 notes.
TICKET # 262775
Certification of Receipt of asbestos materials covered by this manifest except as noted in Item 12.
Printed/typed name - WDS Facility: Sharon Dunne
Signature: SDunne
Month | Day | Year: 8/6/12

12. Waste Facility Discrepancy Indication Space

WHITE SIGNATURE Page MUST STAY ATTACHED! Until Delivery to MINERVA Facility (White,Yellow,Pink Gold)
White: Generator - Yellow: WDS - Pink: Transporter 1 - Gold: Transporter 2 - Blue: Contractor - [Green: Gen. REMAINS at Shipment]

MINERVA ENTERPRISES, IN
9000 Minerva Rd. P.O. Box 709
Waynesburg, OH 44688
Ph: 330-868-3435
Fax: 330-868-3468

Customer Name
RTL Enterprises

Ticket #: **202776**
Date: **08/06/2012**
Time: 10:40:33 AM

Customer #:	**769**	Gross Weight:	124960
Transporter:	Weigle/TMH	Tare Weight:	32480
Truck Type:	Trailer dump	Net Weight(tons):	**46.24**
Truck License #:	**21**	Volume Recieved(yards):	75
Location:	MA, Amherst	Waste Type:	Non Friable Asbestos
Generator:	Amherst College	Minerva Job #:	st,ma*nf-acm/pcb
ME REP/P.O.#:	ker		
Accepted:	Yes	If No, this material was rejected for the following reasons.	

Driver: _____

I certify that all materials meet Stark County/ohio EPA specifications.

Minerva Enterprises Representative: _____

This certifies that the waste specified on this ticket has been properly disposed of in accordance with all local, state and federal regulations.

WASTE SHIPMENT RECORD

DOCUMENT NUMBER B 12683

1. FACILITY NAME DAVIS HALL
Address: 15 MERRILL SCIENCE DR.
City: AMHERST State: MA Zip: 01002

OWNER's NAME AMHERST COLLEGE
Address: 6 EAST DRIVE
City: AMHERST State: MA Zip: 01002
Owner's Phone: 413 542-8189
Owner's Fax:

GENERATOR

2. CONTRACTOR or OPERATOR's NAME NCM DEMOLITION + REMEDIATION, LP
Address: 14 JEWEL DR.
City: WILMINGTON, State: MASSACHUSETTS Zip: 01887
Operator's Phone: 978 657-5445
OPERATOR's Fax: 978 657-5995

3. Waste disposal Site (WDS): Name, Mailing Address, and physical location
Minerva Enterprises, LLC | P.O. Box 709 | Phone: 330-866-3435
8955 Minerva Road SE | Waynesburg, Ohio 44688-0709 | Fax:330-866-3488
Onsite Disposal: Yes or List:

4. Responsible Agency (Local, District, State, or EPA Office where notification was sent)
Agency: EPA NEW ENGLAND
Address: 1 CONGRESS STREET
City: BOSTON State: MASSACHUSETTS Zip: 02114-2023

5. Description of Materials	6. Containers NO: TYPE:	7. Total Quantity (Cubic Yards or Tons)
CONSTRUCTION + DEMOLITION DEBRIS CONCRETE PCB BULK PRODUCT		75

8. Special Handling Instructions & Additional Information:

9. Generator -Authorized Agent Certification: I hereby declare that the contents of this consignment are fully and accurately described by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transportation by highway to acceptable international and governmental regulations.

Printed/typed name & title: Richard A. Mears Signature: Richard A Mears Month/ Day / Year: 08/03/2012

TRANSPORTER

10.A Name of Transporter-1 (Verifies Receipt of above described materials): RED TECHNOLOGIES
Address: 173 PICKERING ST. PORTLAND, CT 06480
Phone 860 342-1022 Fax 860 342-1043
Printed or Typed Name & Title: Date:
Signature:

10.B Name of Transporter-2 (Verifies Receipt of above described materials): Weigle Tkg.
Address: 724 Reynolds Rd. Linden, PA
Phone: Fax:
Printed or Typed Name & Title: Matthew Samzel Date: 8/3/12
Signature: Matt Samzel

11.ALL TRANSPORTERS: ANY REJECTED OR NON-Listed materials *ADDED or REMOVED* during transit? (EXCEPT Correcting Material Weight at loading location.)
If NO SKIP If Yes (LIST & Identify Transporter -10.A : Trans-1 or 10.B: Trans-2) Destination Facility for Reiected Materials: Driver *Name*

DISPOSAL FACILITY

13. Waste Disposal Site Owner or Auth. Agent:
Certification of Receipt of Asbestos Materials except item 12 notes.
TICKET # 262776
Certification of Receipt of asbestos materials covered by this manifest except as noted in Item 12.
Printed/typed name - WDS Facility: Kim Roberts Signature: K. Roberts Month/ Day / Year: 8/6/12

12. Waste Facility Discrepancy Indication Space

WHITE SIGNATURE Page MUST STAY ATTACHED! Until Delivery to MINERVA Facility (White,Yellow,Pink Gold)
White: Generator - Yellow: WDS - Pink: Transporter 1 - Gold: Transporter 2 - Blue: Contractor - [Green: Gen. REMAINS at Shipment]

MINERVA ENTERPRISES, IN
9000 Minerva Rd. P.O. Box 709
Waynesburg, OH 44688
Ph: 330-868-3435
Fax: 330-868-3488

Customer Name
RTL Enterprises

Ticket #: 282743
Date: 08/06/2012
Time: 7:52:33 AM

Customer #:	780	Gross Weight:	142560
Transporterr:	Weigle Trucking	Tare Weight:	32580
Truck Type:	Trailer dump	Net Weight(tons):	54.99
Truck License #:	1	Volume Recieved(yards):	70
Location:	MA, Amherst	Waste Type:	Non Friable Asbestos
Generator:	Amherst College	Minerva Job #:	'st,ma*nf-acm/pcb
ME REP/P.O.#:	ker		
Accepted:	Yes	If No, this material was rejected for the following reasons.	

Driver: _____ Minerva Enterprises Representative: _____

I certify that all materials meet Stark County/ohio EPA specifications.

This certifies that the waste specified on this ticket has been properly disposed of in accordance with all local, state and federal regulations.

WASTE SHIPMENT RECORD

DOCUMENT NUMBER B 12684

1. FACILITY NAME DAVIS HALL
Address: 16 MERRILL SCIENCE DR.
City: AMHERST State: MA Zip: 01002

OWNER's NAME AMHERST COLLEGE
Address: 6 EAST DRIVE
City: AMHERST State: MA Zip: 01002
Owner's Phone: 413 542-8189
Owner's Fax:

GENERATOR

2. CONTRACTOR or OPERATOR's NAME NCM DEMOLITION + REMEDIATION, LP
Address: 14 JEWEL DR.
City: WILMINGTON State: MASSACHUSETTS Zip: 01887
Operator's Phone: 978 657-5445
OPERATOR's Fax: 978 657-5995

3. Waste disposal Site (WDS): Name, Mailing Address, and physical location
Minerva Enterprises, LLC | P.O. Box 709 | Phone: 330-866-3435
8955 Minerva Road SE | Waynesburg, Ohio 44688-0709 | Fax:330-866-3488
Onsite Disposal Yes or List:

4. Responsible Agency (Local, District, State, or EPA Office where notification was sent)
Agency: EPA NEW ENGLAND
Address: 1 CONGRESS STREET
City: BOSTON State: MASSACHUSETTS Zip: 02114-2023

5. Description of Materials	6. Containers NO: TYPE:	7. Total Quantity (Cubic Yards or Tons)
CONSTRUCTION + DEMOLITION DEBRIS CONCRETE PCB BULK PRODUCT		70

8. Special Handling Instructions & Additional Information:

9. Generator -Authorized Agent Certification: I hereby declare that the contents of this consignment are fully and accurately described by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transportation by highway to acceptable international and governmental regulations.

Printed/typed name & title: RICHARD A. MEARS
Signature: Richard A Mears
Month/Day/Year: 8/3/12

TRANSPORTER

10.A Name of Transporter-1 (Verifies Receipt of above described materials): RED TECHNOLOGIES
Address: 173 PICKERING ST, PORTLAND, CT. 06480
Phone 860 342-1022 Fax 860 342-1042
Printed or Typed Name & Title: Date:
Signature:

10.B Name of Transporter-2 (Verifies Receipt of above described materials): Weigle Trucking
Address: 274 Reynolds Rd Juniata Pa
Phone: Fax:
Printed or Typed Name & Title: Mike Conklin Date: 8/3/12
Signature:

11. ALL TRANSPORTERS: ANY REJECTED OR NON-Listed materials *ADDED or REMOVED* during transit? (EXCEPT Correcting Material Weight at loading location.)
If NO SKIP If Yes (LIST & Identify Transporter -10.A : Trans-1 or 10.B: Trans-2) Destination Facility for Rejected Materials: Driver *Name*

DISPOSAL FACILITY

13. Waste Disposal Site Owner or Auth. Agent:
Certification of Receipt of Asbestos Materials except item 12 notes.
TICKET # 26273
Certification of Receipt of asbestos materials covered by this manifest except as noted in Item 12.
Printed/typed name - WDS Facility: Kim Roberts
Signature: K. Roberts
Month/Day/Year: 8/6/12

12. Waste Facility Discrepancy Indication Space

WHITE SIGNATURE Page MUST STAY ATTACHED! Until Delivery to MINERVA Facility (White,Yellow,Pink Gold)
White: Generator - Yellow: WDS - Pink: Transporter 1 - Gold: Transporter 2 - Blue: Contractor - [Green: Gen. REMAINS at Shipment]

MINERVA ENTERPRISES, IN
9000 Minerva Rd. P.O. Box 709
Waynesburg, OH 44688
Ph: 330-866-3435
Fax: 330-866-3488

Customer Name
RTL Enterprises

Ticket #: 262769
Date: 08/06/2012
Time: 10:06:41 AM

Customer #:	769	Gross Weight:	128180
Transporterr:	Weigle/ RB Farms	Tare Weight:	29880
Truck Type:	Trailer dump	Net Weight(tons):	49.15
Truck License #:	106	Volume Recieved(yards):	75
Location:	MA, Amherst	Waste Type:	Non Friable Asbestos
Generator:	David Hall - Amher	Minerva Job #:	·st,ma*nf-acm/pcb
ME REP/P.O.#:	kor		
Accepted:	Yes	If No, this material was rejected for the following reasons.	

Driver:

I certify that all materials meet Stark County/ohio EPA specifications.

Minerva Enterprises Representative:

This certifies that the waste specified on this ticket has been properly disposed of in accordance with all local, state and federal regulations.

WASTE SHIPMENT RECORD

DOCUMENT NUMBER B 12685

1. FACILITY NAME DAVIS HALL
Address: 15 MERRILL SCIENCE DR
City: AMHERST State: MA Zip: 01002

OWNER's NAME AMHERST COLLEGE
Address: 6 EAST DRIVE
City: AMHERST State: MA Zip: 01002
Owner's Phone: 413 542-8189
Owner's Fax:

GENERATOR

2. CONTRACTOR or OPERATOR's NAME NEW DEMOLITION + REMEDIATION, LP
Address: 14 JEWEL DR.
City: WILMINGTON State: MASSACHUSETTS Zip: 01887
Operator's Phone: 978 657-5445
OPERATOR's Fax: 978 657-5995

3. Waste disposal Site (WDS): Name, Mailing Address, and physical location — Onsite Disposal Yes or List:
Minerva Enterprises, LLC | P.O. Box 709 | Phone: 330-866-3435
8955 Minerva Road SE | Waynesburg, Ohio 44688-0709 | Fax:330-866-3488

4. Responsible Agency (Local, District, State, or EPA Office where notification was sent)
Agency: EPA NEW ENGLAND Address: 1 CONGRESS STREET
City: BOSTON State: MASSACHUSETTS Zip: 02114-2023

5. Description of Materials	6. Containers NO:	TYPE:	7. Total Quantity (Cubic Yards or Tons)
CONSTRUCTION + DEMOLITION DEBRIS CONCRETE PCB BULK PRODUCT			75

8. Special Handling Instructions & Additional Information:

9. Generator -Authorized Agent Certification: I hereby declare that the contents of this consignment are fully and accurately described by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transportation by highway to acceptable international and governmental regulations.

Printed/typed name & title: RICHARD A. MOORS Signature: Richard A Moors Month/ Day / Year: 8/3/2012

TRANSPORTER

10.A Name of Transporter-1 (Verifies Receipt of above described materials): RED TECHNOLOGIES
Address: 173 PICKERING ST. PORTLAND, CT 06480 Phone 860 342-1022 Fax 860 342-1042
Printed or Typed Name & Title: Date:
Signature:

10.B Name of Transporter-2 (Verifies Receipt of above described materials): Weight Trucking
Address: Linden, Pa 274 Reynolds Rd Phone: 5703265438 Fax:
Printed or Typed Name & Title: Paul Richards Date: 8-3-12
Signature:

11. ALL TRANSPORTERS: ANY REJECTED OR NON-Listed materials *ADDED or REMOVED* during transit? (EXCEPT Correcting Material Weight at loading location.)
If NO SKIP If Yes (LIST & Identify Transporter -10.A : Trans-1 or 10.B: Trans-2) Destination Facility for Rejected Materials: Driver *Name*

13. Waste Disposal Site Owner or Auth. Agent:
Certification of Receipt of Asbestos Materials except item 12 notes.
TICKET # 262769
Certification of Receipt of asbestos materials covered by this manifest except as noted in Item 12.
Printed/typed name - WDS Facility: Kim Roberts Signature: K. Roberts Month/ Day / Year: 8/6/12

12. Waste Facility Discrepancy Indication Space

DISPOSAL FACILITY

WHITE SIGNATURE Page MUST STAY ATTACHED! Until Delivery to MINERVA Facility (White,Yellow,Pink Gold)
White: Generator - Yellow: WDS - Pink: Transporter 1 - Gold: Transporter 2 - Blue: Contractor - [Green: Gen. REMAINS at Shipment]

MINERVA ENTERPRISES, IN
9000 Minerva Rd. P.O. Box 709
Waynesburg, OH 44688
Ph: 330-868-3435
Fax: 330-868-3488

Customer Name
RTL Enterprises

Ticket #: 282817
Date: 08/07/2012
Time: 8:11:10 AM

Customer #:	789	Gross Weight:	93780
Transporterr:	Weigle/ CTI	Tare Weight:	32620
Truck Type:	Trailer dump	Net Weight(tons):	30.58
Truck License #:	564	Volume Recieved(yards):	75
Location:	MA, Amherst	Waste Type:	Non Friable Asbestos
Generator:	Amherst College	Minerva Job #:	'st,ma*nf-acm/pcb
ME REP/P.O.#:	ker		
Accepted:	Yes	If No, this material was rejected for the following reasons.	

Driver: Sheldon Mann

Minerva Enterprises Representative:

I certify that all materials meet Stark County/ohio EPA specifications.

This certifies that the waste specified on this ticket has been properly disposed of in accordance with all local, state and federal regulations.

WASTE SHIPMENT RECORD

DOCUMENT NUMBER: B 12676

1. FACILITY NAME Davis Hall
Address 15 Merrill Science Drive
City Amherst State MA Zip 01002

OWNER's NAME Amherst College
Address 6 East Drive
City Amherst State MA Zip 01002
Owner's Phone: 413-542-8189
Owner's Fax:

GENERATOR

2. CONTRACTOR or OPERATOR's NAME NCM DEMOLITION + REMEDIATION, LP.
Address 141 Jewel Drive
City WILMINGTON ~~Wilmington~~ State MASSACHUSETTS Zip 01887
Operator's Phone: 978 657-5445
OPERATOR's Fax: 978 657-5995

3. Waste disposal Site (WDS): Name, Mailing Address, and physical location — **Onsite Disposal**

Minerva Enterprises, LLC	P.O. Box 709	Phone: 330-866-3435	Yes or List:
8955 Minerva Road SE	Waynesburg, Ohio 44688-0709	Fax:330-866-3488	

4. Responsible Agency (Local, District, State, or EPA Office where notification was sent)
Agency: EPA NEW ENGLAND
Address 1 CONGRESS STREET
City: BOSTON State MASSACHUSETTS Zip 02114-2023

5. Description of Materials	6. Containers NO:	TYPE:	7. Total Quantity (Cubic Yards or Tons)
CONSTRUCTION + DEMOLITION DEBRIS CONCRETE PLB BULK PRODUCT	Dump		75 - 35

8. Special Handling Instructions & Additional Information:

9. Generator -Authorized Agent Certification: I hereby declare that the contents of this consignment are fully and accurately described by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transportation by highway to acceptable international and governmental regulations.

Printed/typed name & title: Richard A. Mears — Signature: Richard A Mears — Month/ Day / Year: 8/6/2012

TRANSPORTER

10.A Name of Transporter-1 (Verifies Receipt of above described materials) RED TECHNOLOGIES
Address 173 PICKERING ST. PORTLAND CT. 06480
Phone 860 342-1022 Fax 860 342-1042
Printed or Typed Name & Title — Date:
Signature

10.B Name of Transporter-2 (Verifies Receipt of above described materials) WEIGLE TRK (coordinators)
Address Lyndell PA
Phone Fax 1-570-326-5438
Printed or Typed Name & Title: Sheldon Morris — Date: 8-6-12
Signature: Sheldon Morris

11. ALL TRANSPORTERS: ANY REJECTED OR NON-Listed materials *ADDED or REMOVED* during transit? (EXCEPT Correcting Material Weight at loading location.)
If NO SKIP If Yes (LIST & Identify Transporter -10.A : Trans-1 or 10.B: Trans-2) Destination Facility for Rejected Materials: Driver *Name*

DISPOSAL FACILITY

13. Waste Disposal Site Owner or Auth. Agent:
Certification of Receipt of Asbestos Materials except item 12 notes.
TICKET # 262817
Certification of Receipt of asbestos materials covered by this manifest except as noted in Item 12.
Printed/typed name - WDS Facility: Kim Roberts — Signature: K. Roberts — Month/ Day / Year: 8/7/12

12. Waste Facility Discrepancy Indication Space

WHITE SIGNATURE Page MUST STAY ATTACHED! Until Delivery to MINERVA Facility (White,Yellow,Pink Gold)
White: Generator - Yellow: WDS - Pink: Transporter 1 - Gold: Transporter 2 - Blue: Contractor - [Green: Gen. REMAINS at Shipment]

MINERVA ENTERPRISES, IN
9000 Minerva Rd. P.O. Box 709
Waynesburg, OH 44688
Ph: 330-868-3435
Fax: 330-868-3488

Customer Name
RTL Enterprises

Ticket #: 262643
Date: 08/07/2012
Time: 11:52:47 AM

Customer #:	769	Gross Weight:	112200
Transporterr:	Weigle Trucking	Tare Weight:	34300
Truck Type:	Trailer dump	Net Weight(tons):	38.95
Truck License #:	2	Volume Recieved(yards):	94
Location:	MA, Amherst	Waste Type:	Non Friable Asbestos
Generator:	Amherst College	Minerva Job #:	'st,ma"nf-acm/pcb
ME REP/P.O.#:	kar		

Accepted: Yes If No, this material was rejected for the following reasons: _____

Driver: _____ Minerva Enterprises Representative: _____

I certify that all materials meet Stark County/ohio EPA specifications.

This certifies that the waste specified on this ticket has been properly disposed of in accordance with all local, state and federal regulations.

#13

WASTE SHIPMENT RECORD

DOCUMENT NUMBER B 12686

1. FACILITY NAME DAVIS HALL
Address: 15 MERRILL SCIENCE DR.
City: AMHERST State: MA Zip: 01002

OWNER's NAME AMHERST COLLEGE
Address: 6 EAST DRIVE
City: AMHERST State: MA Zip: 01002
Owner's Phone: 413 542-8189
Owner's Fax:

GENERATOR

2. CONTRACTOR or OPERATOR's NAME MCM DEMOLITION + REMEDIATION, LP
Address: 14 JEWEL DR.
City: WILMINGTON State: MASSACHUSETTS Zip: 01887
Operator's Phone: 978 657-5445
OPERATOR's Fax: 978 657-5995

3. Waste disposal Site (WDS): Name, Mailing Address, and physical location — Onsite Disposal: Yes or List:
Minerva Enterprises, LLC | P.O. Box 709 | Phone: 330-866-3435
8955 Minerva Road SE | Waynesburg, Ohio 44688-0709 | Fax:330-866-3488

4. Responsible Agency (Local, District, State, or EPA Office where notification was sent)
Agency: EPA NEW ENGLAND Address: 1 CONGRESS STREET
City: BOSTON State: MASSACHUSETTS Zip: 03114-2023

5. Description of Materials	6. Containers NO: TYPE:	7. Total Quantity (Cubic Yards or Tons)
CONSTRUCTION + DEMOLITION DEBRIS CONCRETE PCB BULK PRODUCT	Dump Trailer	94

8. Special Handling Instructions & Additional Information:

9. Generator -Authorized Agent Certification: I hereby declare that the contents of this consignment are fully and accurately described by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transportation by highway to acceptable international and governmental regulations.

Printed/typed name & title: RICHARD A. MEARS Signature: Richard A Mears Month/ Day / Year: 8/6/2012

TRANSPORTER

10.A Name of Transporter-1 (Verifies Receipt of above described materials): RED TECHNOLOGIES
Address: 173 PICKERING ST, PORTLAND, CT 06480 Phone 860 342-1022 Fax 860 342-1042
Printed or Typed Name & Title: Date:
Signature:

10.B Name of Transporter-2 (Verifies Receipt of above described materials): Weigle Trucking Co
Address: 674 Reynolds Rd Linden Pa 17744 Phone: Fax:
Printed or Typed Name & Title: Duane Granite Date:
Signature:

11. ALL TRANSPORTERS: ANY REJECTED OR NON-Listed materials *ADDED or REMOVED* during transit? (EXCEPT Correcting Material Weight at loading location.)
If NO SKIP — If Yes (LIST & Identify Transporter -10.A : Trans-1 or 10.B: Trans-2) Destination Facility for Rejected Materials: Driver *Name*

DISPOSAL FACILITY

13. Waste Disposal Site Owner or Auth. Agent:
Certification of Receipt of Asbestos Materials except item 12 notes.
TICKET # 262843
Certification of Receipt of asbestos materials covered by this manifest except as noted in Item 12.
Printed/typed name - WDS Facility: Kim Roberts Signature: K. Roberts Month/ Day / Year: 8/7/12

12. Waste Facility Discrepancy Indication Space

WHITE SIGNATURE Page MUST STAY ATTACHED! Until Delivery to MINERVA Facility (White,Yellow,Pink Gold)
White: Generator - Yellow: WDS - Pink: Transporter 1 - Gold: Transporter 2 - Blue: Contractor - [Green: Gen. REMAINS at Shipment]

MINERVA ENTERPRISES, IN
9000 Minerva Rd. P.O. Box 709
Waynesburg, OH 44688
Ph: 330-866-3435
Fax: 330-866-3488

Customer Name
RTL Enterprises

Ticket #: **262850**
Date: **08/07/2012**
Time: **2:32:49 PM**

Customer #:	**769**	Gross Weight:	95600
Transporterr:	Autumn Transport	Tare Weight:	~~0~~ 31980
Truck Type:	Trailer dump	Net Weight(tons):	~~47.8~~ 31.81
Truck License #:	**5125**	Volume Recieved(yards):	50
Location:	MA, Amherst	Waste Type:	Non Friable Asbestos
Generator:	Amherst College	Minerva Job #:	rst,ma*nf-acm/pcb
ME REP/P.O.#:	kll		

Accepted: Yes If No, this material was rejected for the following reasons: _____

Driver: Ray Rich

I certify that all materials meet Stark County/ohio EPA specifications.

Minerva Enterprises Representative:

This certifies that the waste specified on this ticket has been properly disposed of in accordance with all local, state and federal regulations.

WASTE SHIPMENT RECORD

DOCUMENT NUMBER B 12687

1. FACILITY NAME DAVIS HALL
Address: 15 MERRILL SCIENCE DR
City: AMHERST State: MA Zip: 01002

OWNER's NAME AMHERST COLLEGE
Address: 6 EAST DRIVE
City: AMHERST State: MA Zip: 01002
Owner's Phone: 413 542-8169
Owner's Fax:

GENERATOR

2. CONTRACTOR or OPERATOR's NAME NCM DEMOLITION & REMEDIATION, LP
Address: 14 JEWEL DR.
City: WILMINGTON State: MASSACHUSETS Zip: 01887
Operator's Phone: 978 657-5445
OPERATOR's Fax: 978 657-5995

3. Waste disposal Site (WDS): Name, Mailing Address, and physical location — Onsite Disposal: Yes or List:
Minerva Enterprises, LLC | P.O. Box 709 | Phone: 330-866-3435
8955 Minerva Road SE | Waynesburg, Ohio 44688-0709 | Fax:330-866-3488

4. Responsible Agency (Local, District, State, or EPA Office where notification was sent)
Agency: EPA NEW ENGLAND Address: 1 CONGRESS STREET
City: BOSTON State: MASSACHUSETTS Zip: 02114-2023

5. Description of Materials	6. Containers NO:	TYPE:	7. Total Quantity (Cubic Yards or Tons)
CONSTRUCTION + DEMOLITION DEBRIS CONCRETE PCB BULK PRODUCT WASTE		Dump Trailer	50

8. Special Handling Instructions & Additional Information:

9. Generator -Authorized Agent Certification: I hereby declare that the contents of this consignment are fully and accurately described by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transportation by highway to acceptable international and governmental regulations.

Printed/typed name & title: RICHARD A. MEANS Signature: Richard A Means Month/ Day / Year: 8/6/2012

TRANSPORTER

10.A Name of Transporter-1 (Verifies Receipt of above described materials): RED TECHNOLOGIES
Address: 173 PICKERING ST. Phone 860 342-1022 Fax 860 342-1043
Printed or Typed Name & Title: Date:
Signature:

10.B Name of Transporter-2 (Verifies Receipt of above described materials): AUTUMN TRANSPORT 651-294-3374
Address: WOODBURY MN Phone 651-738-6998 Fax
Printed or Typed Name & Title: Rex Rizzo Date: 8-6-12
Signature: Rex Rizzo

11.ALL TRANSPORTERS: ANY REJECTED OR NON-Listed materials ADDED or REMOVED during transit? (EXCEPT Correcting Material Weight at loading location.)
If NO SKIP — If Yes (LIST & Identify Transporter -10.A : Trans-1 or 10.B: Trans-2) Destination Facility for Rejected Materials: Driver Name

DISPOSAL FACILITY

13. Waste Disposal Site Owner or Auth. Agent:
Certification of Receipt of Asbestos Materials except item 12 notes.
TICKET # 262856
Certification of Receipt of asbestos materials covered by this manifest except as noted in Item 12.
Printed/typed name - WDS Facility: Kris Hoffis Signature: Kris Hoffis Month/ Day / Year: 8-7-12

12. Waste Facility Discrepancy Indication Space

WHITE SIGNATURE Page MUST STAY ATTACHED! Until Delivery to MINERVA Facility (White,Yellow,Pink Gold)
White: Generator - Yellow: WDS - Pink: Transporter 1 - Gold: Transporter 2 - Blue: Contractor - [Green: Gen. REMAINS at Shipment]

MINERVA ENTERPRISES, IN
9000 Minerva Rd. P.O. Box 709
Waynesburg, OH 44688
Ph: 330-866-3435
Fax: 330-866-3488

Customer Name
RTL Enterprises

Ticket #: **202850**
Date: **08/07/2012**
Time: 12:25:20 PM

Customer #:	**789**	Gross Weight:	130860
Transporterr:	Weigle Trucking /	Tare Weight:	35160
Truck Type:	Trailer dump	Net Weight(tons):	**47.85**
Truck License #:	**109**	Volume Recieved(yards):	70
Location:	MA, Amherst	Waste Type:	Non Friable Asbestos
Generator:	Davis Hall	Minerva Job #:	'st,ma"nf-acm/pcb
ME REP/P.O.#:	srd		

Accepted: Yes If No, this material was rejected for the following reasons. _____

Driver: _____

I certify that all materials meet Stark County/ohio EPA specifications.

Minerva Enterprises Representative: D Dunne

This certifies that the waste specified on this ticket has been properly disposed of in accordance with all local, state and federal regulations.

#15

WASTE SHIPMENT RECORD

DOCUMENT NUMBER B 12688

1. FACILITY NAME DAVIS HALL
Address 15 MERRILL SCIENCE DR
City AMHERST State MA Zip 01002

OWNER's NAME AMHERST COLLEGE
Address 6 EAST DRIVE
City AMHERST State MA Zip 01002
Owner's Phone: 413 542-8189
Owner's Fax:

GENERATOR

2. CONTRACTOR or OPERATOR's NAME NCM DEMOLITION + REMEDIATION, LP
Address 14 JEWEL DR.
City WILMINGTON State MASSACHUSETTS Zip 01887
Operator's Phone: 978 657-5445
OPERATOR's Fax: 978 657-5995

3. Waste disposal Site (WDS): Name, Mailing Address, and physical location — Onsite Disposal Yes or List:
Minerva Enterprises, LLC | P.O. Box 709 | Phone: 330-866-3435
8955 Minerva Road SE | Waynesburg, Ohio 44688-0709 | Fax:330-866-3488

4. Responsible Agency (Local, District, State, or EPA Office where notification was sent)
Agency: EPA NEW ENGLAND Address 1 CONGRESS STREET
City: BOSTON State MASSACHUSETTS Zip 02114-2023

5. Description of Materials	6. Containers NO:	TYPE:	7. Total Quantity (Cubic Yards or Tons)
CONSTRUCTION + DEMOLITION DEBRIS CONCRETE PCB BULK PRODUCT	Dump		

8. Special Handling Instructions & Additional Information:

9. Generator -Authorized Agent Certification: I hereby declare that the contents of this consignment are fully and accurately described by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transportation by highway to acceptable international and governmental regulations.

Printed/typed name & title: RICHARD A. MEARS | Signature: Richard A Mears | Month/ Day / Year: 8/6/2012

TRANSPORTER

10.A Name of Transporter-1 (Verifies Receipt of above described materials) RED TECHNOLOGIES
Address 173 PICKERING ST. PORTLAND, CT 06480 Phone 860 342-1022 Fax 860 342-1042
Printed or Typed Name & Title: Date:
Signature

10.B Name of Transporter-2 (Verifies Receipt of above described materials) Green Outdoor (Wright)
Address Spartanburg Phone Fax
Printed or Typed Name & Title: Chris Mayl Driver | Date: 8/6/12
Signature

11. ALL TRANSPORTERS: ANY REJECTED OR NON-Listed materials *ADDED or REMOVED* during transit? (EXCEPT Correcting Material Weight at loading location.)
If NO SKIP — If Yes (LIST & Identify Transporter -10.A : Trans-1 or 10.B: Trans-2) Destination Facility for Rejected Materials: Driver *Name*

DISPOSAL FACILITY

13. Waste Disposal Site Owner or Auth. Agent:
Certification of Receipt of Asbestos Materials except item 12 notes.
TICKET # 262850
Certification of Receipt of asbestos materials covered by this manifest except as noted in Item 12.
Printed/typed name - WDS Facility: Sharon Dunne | Signature: Sharon Dunne | Month/ Day / Year: 8/7/12

12. Waste Facility Discrepancy Indication Space

WHITE SIGNATURE Page MUST STAY ATTACHED! Until Delivery to MINERVA Facility (White,Yellow,Pink Gold)
White: Generator - Yellow: WDS - Pink: Transporter 1 - Gold: Transporter 2 - Blue: Contractor - [Green: Gen. REMAINS at Shipment]

MINERVA ENTERPRISES, IN
9000 Minerva Rd. P.O. Box 709
Waynesburg, OH 44688
Ph: 330-866-3435
Fax: 330-866-3488

Customer Name
RTL Enterprises

Ticket # 282867
Date: 08/08/2012
Time: 7:22:30 AM

Customer #:	769	Gross Weight:	107440
Transporter:	Weigle/Weisel	Tare Weight:	30440
Truck Type:	Trailer dump	Net Weight(tons):	38.5
Truck License #:	410	Volume Recieved(yards):	65
Location:	MA, Amherst	Waste Type:	Non Friable Asbestos
Generator:	Amherst College -	Minerva Job #:	'st,ma"nf-acm/pcb
ME REP/P.O.#:	ker		

Accepted: Yes If No, this material was rejected for the following reasons. _____

Driver: _____ Minerva Enterprises Representative: _____

I certify that all materials meet Stark County/Ohio EPA specifications.

This certifies that the waste specified on this ticket has been properly disposed of in accordance with all local, state and federal regulations.

#17

WASTE SHIPMENT RECORD

DOCUMENT NUMBER B 12691

1. FACILITY NAME DAVIS HALL
Address 15 MERRILL SCIENCE DRIVE
City AMHERST State MA Zip 01002

OWNER's NAME AMHERST
Address
City State Zip
Owner's Phone: 413-542-8189
Owner's Fax:

GENERATOR

2. CONTRACTOR or OPERATOR's NAME NCM DEMOLITION & REMEDIATION, L.P.
Address 14 JEWEL DRIVE
City WILMINGTON State MASSACHUSETTS Zip 01887
Operator's Phone: 978 657-5445
OPERATOR's Fax: 978 657-5995

3. Waste disposal Site (WDS): Name, Mailing Address, and physical location — **Onsite Disposal** Yes or List:
Minerva Enterprises, LLC | P.O. Box 709 | Phone: 330-866-3435
8955 Minerva Road SE | Waynesburg, Ohio 44688-0709 | Fax:330-866-3488

4. Responsible Agency (Local, District, State, or EPA Office where notification was sent)
Agency: EPA NEW ENGLAND Address 1 CONGRESS STREET
City: BOSTON State MASSACHUSETTS Zip 02114-2023

5. Description of Materials	6. Containers NO:	TYPE:	7. Total Quantity (Cubic Yards or Tons)
CONSTRUCTION + DEMOLITION DEBRIS CONCRETE PCB BULK PRODUCT	Dump		65
Asbestos			

8. Special Handling Instructions & Additional Information:

9. Generator -Authorized Agent Certification: I hereby declare that the contents of this consignment are fully and accurately described by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transportation by highway to acceptable international and governmental regulations.

Printed/typed name & title: RICHARD A. MEARS Signature: Richard A Mears Month/ Day / Year: 8/7/2012

TRANSPORTER

10.A Name of Transporter-1 (Verifies Receipt of above described materials) RED TECHNOLOGIES
Address 173 PICKERING ST. PORTLAND CT. 06480 Phone 860 342-1022 Fax 860 342-1042
Printed or Typed Name & Title Date:
Signature

10.B Name of Transporter-2 (Verifies Receipt of above described materials) WEIGLE/WEISEL TRUCKING
Address 274 REYNOLDS RD LINDEN PA Phone Fax
Printed or Typed Name & Title: LARRY KEEFE Date: 8-7-12
Signature

11.ALL TRANSPORTERS: ANY REJECTED OR NON-Listed materials *ADDED or REMOVED* during transit? (EXCEPT Correcting Material Weight at loading location.)
If NO SKIP If Yes (LIST & Identify Transporter -10.A : Trans-1 or 10.B: Trans-2) Destination Facility for Rejected Materials: Driver *Name*

DISPOSAL FACILITY

13. Waste Disposal Site Owner or Auth. Agent:
Certification of Receipt of Asbestos Materials except item 12 notes.
TICKET # 262867
Certification of Receipt of asbestos materials covered by this manifest except as noted in Item 12.
~~Printed~~/typed name - WDS Facility: Kim Roberts Signature: K. Roberts Month/ Day / Year: 8/8/12

12. Waste Facility Discrepancy Indication Space

WHITE SIGNATURE Page MUST STAY ATTACHED! Until Delivery to MINERVA Facility (White,Yellow,Pink Gold)
White: Generator - Yellow: WDS - Pink: Transporter 1 - Gold: Transporter 2 - Blue: Contractor - [Green: Gen. REMAINS at Shipment]

MINERVA ENTERPRISES, IN
9000 Minerva Rd. P.O. Box 709
Waynesburg, OH 44688
Ph: 330-866-3435
Fax: 330-866-3468

Customer Name
RTL Enterprises

Ticket #: **262885**
Date: **08/08/2012**
Time: 9:03:20 AM

Customer #:	**769**	Gross Weight:	132660
Transporterr:	Wgt/B&K	Tare Weight:	31660
Truck Type:	Trailer dump	Net Weight(tons):	**50.5**
Truck License #:	**7734**	Volume Recieved(yards):	70
Location:	MA, Amherst	Waste Type:	Non Friable Asbestos
Generator:	Amherst College	Minerva Job #:	rat,ma*nf-acm/pcb
ME REP/P.O.#:	kll		

Accepted: Yes If No, this material was rejected for the following reasons. _____

Driver: Robert Rogers Minerva Enterprises Representative:

I certify that all materials meet Stark County/ohio EPA specifications.

This certifies that the waste specified on this ticket has been properly disposed of in accordance with all local, state and federal regulations.

WASTE SHIPMENT RECORD

DOCUMENT NUMBER B 12692

1. FACILITY NAME DAVIS HALL
Address 15 MERRILL SCIENCE DRIVE
City AMHERST State MA Zip 01002

OWNER's NAME AMHERST COLLEGE
Address 6 EAST DRIVE
City AMHERST State MA Zip 01002
Owner's Phone: 413 542-8189
Owner's Fax:

GENERATOR

2. CONTRACTOR or OPERATOR's NAME NGM DEMOLITION + REMEDIATION, LP.
Address 14 JEWEL DRIVE
City WILMINGTON State MASSACHUSETTS Zip 01887 ~~02114-2023~~
Operator's Phone: 978 657-5445
OPERATOR's Fax: 978 657-5995

3. Waste disposal Site (WDS): Name, Mailing Address, and physical location
Minerva Enterprises, LLC | P.O. Box 709 | Phone: 330-866-3435
8955 Minerva Road SE | Waynesburg, Ohio 44688-0709 | Fax:330-866-3488
Onsite Disposal Yes or List:

4. Responsible Agency (Local, District, State, or EPA Office where notification was sent)
Agency: EPA NEW ENGLAND Address 1 CONGRESS STREET
City: BOSTON State MASSACHUSETTS Zip 02114-2023

5. Description of Materials	6. Containers NO:	TYPE:	7. Total Quantity (Cubic Yards or Tons)
CONSTRUCTION + DEMOLITION DEBRIS CONCRETE PLB BULK PRODUCT Waste	Dump		70
Asbestos			

8. Special Handling Instructions & Additional Information:

9. Generator -Authorized Agent Certification: I hereby declare that the contents of this consignment are fully and accurately described by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transportation by highway to acceptable international and governmental regulations.

Printed/typed name & title: RICHARD A. MORRIS Signature: Richard A Morris Month/ Day / Year: 8/7/2012

TRANSPORTER

10.A Name of Transporter-1 (Verifies Receipt of above described materials) RED TECHNOLOGIES
Address 173 PICKERING St. PORTLAND CT. 06480 Phone 860 342-1022 Fax 860 342-1042
Printed or Typed Name & Title Date:
Signature

10.B Name of Transporter-2 (Verifies Receipt of above described materials) Weigle Trucking
Address 274 Reynolds Rd Linden Pa Phone Fax
Printed or Typed Name & Title: Robert Bean Date: 8-7-12
Signature: Robert Bean

11.ALL TRANSPORTERS: ANY REJECTED OR NON-Listed materials *ADDED or REMOVED* during transit? (EXCEPT Correcting Material Weight at loading location.)
If NO If Yes (LIST & Identify Transporter -10.A : Trans-1 or 10.B: Trans-2) Destination Facility for Rejected Materials: Driver *Name*
SKIP

13. Waste Disposal Site Owner or Auth. Agent:
Certification of Receipt of Asbestos Materials except item 12 notes.
TICKET # 262895
Certification of Receipt of asbestos materials covered by this manifest except as noted in Item 12.
Printed/typed name - WDS Facility: Kristina Lofgren Signature: Kristina Lofgren Month/ Day / Year: 8-8-12

12. Waste Facility Discrepancy Indication Space

DISPOSAL FACILITY

WHITE SIGNATURE Page MUST STAY ATTACHED! Until Delivery to MINERVA Facility (White,Yellow,Pink Gold)
White: Generator - Yellow: WDS - Pink: Transporter 1 - Gold: Transporter 2 - Blue: Contractor - [Green: Gen. REMAINS at Shipment]

MINERVA ENTERPRISES, IN
9000 Minerva Rd. P.O. Box 709
Waynesburg, OH 44688
Ph: 330-866-3435
Fax: 330-866-3408

Customer Name
RTL Enterprises

Ticket #: 262904
Date: 08/08/2012
Time: 9:55:12 AM

Customer #:	769	Gross Weight:	132240
Transporterr:	Wegle/Greenoutloo	Tare Weight:	35100
Truck Type:	Trailer dump	Net Weight(tons):	48.57
Truck License #:	116	Volume Recieved(yards):	80
Location:	MA, Amherst	Waste Type:	Non Friable Asbestos
Generator:	Amherst College-	Minerva Job #:	'st,ma*nf-acm/pcb
ME REP/P.O.#:	ker		
Accepted:	Yes	If No, this material was rejected for the following reasons:	

Driver:

Minerva Enterprises Representative:

I certify that all materials meet Stark County/ohio EPA specifications.

This certifies that the waste specified on this ticket has been properly disposed of in accordance with all local, state and federal regulations.

WASTE SHIPMENT RECORD

DOCUMENT NUMBER B 12693

1. FACILITY NAME DAVIS HALL
Address: 15 MERRILL SCIENCE DRIVE
City: AMHERST State: MA Zip: 01002

OWNER's NAME AMHERST COLLEGE
Address: 6 EAST DRIVE
City: AMHERST State: MA Zip: 01002
Owner's Phone: 413 542-8189
Owner's Fax:

GENERATOR

2. CONTRACTOR or OPERATOR's NAME NCM DEMOLITION + REMEDIATION, LP.
Address: 14 JEWEL DRIVE
City: WILMINGTON State: MASSACHUSETTS Zip: 01887
Operator's Phone: 978 657-5445
OPERATOR's Fax: 978 657-5445

3. Waste disposal Site (WDS): Name, Mailing Address, and physical location — Onsite Disposal Yes or List:
Minerva Enterprises, LLC | P.O. Box 709 | Phone: 330-866-3435
8955 Minerva Road SE | Waynesburg, Ohio 44688-0709 | Fax:330-866-3488

4. Responsible Agency (Local, District, State, or EPA Office where notification was sent)
Agency: EPA NEW ENGLAND Address: 1 CONGRESS STREET
City: BOSTON State: MASSACHUSETTS Zip: 02114-2023

5. Description of Materials	6. Containers NO:	TYPE:	7. Total Quantity (Cubic Yards or Tons)
CONSTRUCTION + DEMOLITION DEBRIS CONCRETE PLB BULK PRODUCTS			80

8. Special Handling Instructions & Additional Information:

9. Generator -Authorized Agent Certification: I hereby declare that the contents of this consignment are fully and accurately described by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transportation by highway to acceptable international and governmental regulations.

Printed/typed name & title: RICHARD A. MEARS Signature: Richard A Mears Month / Day / Year: 8/7/2012

TRANSPORTER

10.A Name of Transporter-1 (Verifies Receipt of above described materials): RED TECHNOLOGIES
Address: 173 PICKERING ST. PORTLAND CT. 06480
Phone 860 342-1022 Fax 860 342-1042
Printed or Typed Name & Title: Date:
Signature:

10.B Name of Transporter-2 (Verifies Receipt of above described materials): Green Mountain / Weight
Address: 274 Reynolds RD Linden PA
Phone (570) 326 Fax 5478
Printed or Typed Name & Title: Warren Marrett Date: 8-7-12
Signature: Warren Marrett

11. ALL TRANSPORTERS: ANY REJECTED OR NON-Listed materials *ADDED or REMOVED* during transit? (EXCEPT Correcting Material Weight at loading location.)
If NO SKIP If Yes (LIST & Identify Transporter -10.A : Trans-1 or 10.B: Trans-2) Destination Facility for Rejected Materials: Driver *Name*

13. Waste Disposal Site Owner or Auth. Agent:
Certification of Receipt of Asbestos Materials except item 12 notes.
TICKET # 262904
Certification of Receipt of asbestos materials covered by this manifest except as noted in Item 12.
Printed/typed name - WDS Facility: Kim Roberts Signature: K. Roberts Month / Day / Year: 8/8/12

12. Waste Facility Discrepancy Indication Space

DISPOSAL FACILITY

WHITE SIGNATURE Page MUST STAY ATTACHED! Until Delivery to MINERVA Facility (White,Yellow,Pink Gold)
White: Generator - Yellow: WDS - Pink: Transporter 1 - Gold: Transporter 2 - Blue: Contractor - [Green: Gen. REMAINS at Shipment]

MINERVA ENTERPRISES, IN
9000 Minerva Rd. P.O. Box 709
Waynesburg, OH 44688
Ph: 330-866-3435
Fax: 330-866-3488

Customer Name
RTL Enterprises

Ticket #: **262923**
Date: **08/08/2012**
Time: 11:38:02 AM

Customer #:	**760**	Gross Weight:	126840
Transporterr:	Weigle Trucking /	Tare Weight:	29880
Truck Type:	Trailer dump	Net Weight(tons):	**48.48**
Truck License #:	**106**	Volume Recieved(yards):	75
Location:	MA, Amhesrt	Waste Type:	Non Friable Asbestos
Generator:	Davis Hall	Minerva Job #:	·st,ma*nf-acm/pcb
ME REP/P.O.#:	srd		
Accepted:	Yes	If No, this material was rejected for the following reasons.	

Driver:

I certify that all materials meet Stark County/ohio EPA specifications.

Minerva Enterprises Representative:

This certifies that the waste specified on this ticket has been properly disposed of in accordance with all local, state and federal regulations.

WASTE SHIPMENT RECORD

DOCUMENT NUMBER B 12694

1. FACILITY NAME DAVIS HALL
Address: 15 MERRILL SCIENCE DRIVE
City: AMHERST State: MA Zip: 01002

OWNER's NAME AMHERST COLLEGE
Address: 6 EAST DRIVE
City: AMHERST State: MA Zip: 01002
Owner's Phone: 413 542-8189
Owner's Fax:

GENERATOR

2. CONTRACTOR or OPERATOR's NAME NCM DEMOLITION + REMEDIATION, LP
Address: 14 JEWEL DRIVE
City: WILMINGTON State: MASSACHUSETTS Zip: 01887
Operator's Phone: 978 657-5445
OPERATOR's Fax: 978 657-5995

3. Waste disposal Site (WDS): Name, Mailing Address, and physical location — **Onsite Disposal**
Minerva Enterprises, LLC | P.O. Box 709 | Phone: 330-866-3435 | Yes or List:
8955 Minerva Road SE | Waynesburg, Ohio 44688-0709 | Fax:330-866-3488

4. Responsible Agency (Local, District, State, or EPA Office where notification was sent)
Agency: EPA NEW ENGLAND Address: 1 CONGRESS STREET
City: BOSTON State: MASSACHUSETTS Zip: 02114-2023

5. Description of Materials	6. Containers NO: TYPE:	7. Total Quantity (Cubic Yards or Tons)
CONSTRUCTION + DEMOLITION DEBRIS CONCRETE PLB BULK PRODUCTS		

8. Special Handling Instructions & Additional Information:

9. Generator -Authorized Agent Certification: I hereby declare that the contents of this consignment are fully and accurately described by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transportation by highway to acceptable international and governmental regulations.

Printed/typed name & title: RICHARD A. MERRIS Signature: Richard A. Merris Month/ Day / Year: 8/7/2012

TRANSPORTER

10.A Name of Transporter-1 (Verifies Receipt of above described materials): RED TECHNOLOGIES
Address: 173 PICKERING ST. PORTLAND, CT 06480 Phone 860 342-1022 Fax 860 342-1042
Printed or Typed Name & Title: Date:
Signature:

10.B Name of Transporter-2 (Verifies Receipt of above described materials): Weigle Trucking
Address: Linden, PA 274 Reynolds Rd. Phone: 570 326 5438 Fax:
Printed or Typed Name & Title: Paul Richards Date: 8-7-12
Signature:

11.ALL TRANSPORTERS: ANY REJECTED OR NON-Listed materials *ADDED or REMOVED* during transit? (EXCEPT Correcting Material Weight at loading location.)
If NO SKIP If Yes (LIST & Identify Transporter -10.A : Trans-1 or 10.B: Trans-2) Destination Facility for Rejected Materials: Driver *Name*

13. Waste Disposal Site Owner or Auth. Agent:

DISPOSAL FACILITY

Certification of Receipt of Asbestos Materials except item 12 notes.

TICKET # 262923

Certification of Receipt of asbestos materials covered by this manifest except as noted in Item 12.

Printed/typed name - WDS Facility: Sharon Dunne Signature: Sharon Dunne Month/ Day / Year: 8/8/12

12. Waste Facility Discrepancy Indication Space

WHITE SIGNATURE Page MUST STAY ATTACHED! Until Delivery to MINERVA Facility (White,Yellow,Pink Gold)
White: Generator - Yellow: WDS - Pink: Transporter 1 - Gold: Transporter 2 - Blue: Contractor - [Green: Gen. REMAINS at Shipment]

MINERVA ENTERPRISES, IN
9000 Minerva Rd. P.O. Box 709
Waynesburg, OH 44688
Ph: 330-866-3435
Fax: 330-866-3488

Customer Name
RTL Enterprises

Ticket #: **262956**
Date: **08/09/2012**
Time: 7:36:57 AM

Customer #:	**769**	Gross Weight:	113520
Transporter:	Brown Transport	Tare Weight:	33460
Truck Type:	Trailer dump	Net Weight(tons):	**40.03**
Truck License #:	**12**	Volume Recieved(yards):	75
Location:	MA, Amherst	Waste Type:	Non Friable Asbestos
Generator:	Amherst College	Minerva Job #:	rat,me*nf-acm/pcb
ME REP/P.O.#:	kll		
Accepted:	Yes	If No, this material was rejected for the following reasons.	

Driver: Delmar Brown Minerva Enterprises Representative:

I certify that all materials meet Stark County/ohio EPA specifications.

This certifies that the waste specified on this ticket has been properly disposed of in accordance with all local, state and federal regulations.

#22

WASTE SHIPMENT RECORD

DOCUMENT NUMBER AC-00 2

1. FACILITY NAME Davis Hall
Address 15 Merrill Science Drive
City Amherst State MA Zip 01002

OWNER's NAME Amherst College
Address 6 East Drive
City Amherst State MA Zip 01002
Owner's Phone: 413-542-8189
Owner's Fax:

GENERATOR

2. CONTRACTOR or OPERATOR's NAME NCM Demolition & Remediation, LP.
Address 14 Jewel Drive
City Wilmington State Massachusetts Zip 01887
Operator's Phone: 978-657-5445
OPERATOR's Fax: 978-657-5995

3. Waste disposal Site (WDS): Name, Mailing Address, and physical location — Onsite Disposal Yes or List:
Minerva Enterprises, LLC | P.O. Box 709 | Phone: 330-866-3435
8955 Minerva Road SE | Waynesburg, Ohio 44688-0709 | Fax:330-866-3488

4. Responsible Agency (Local, District, State, or EPA Office where notification was sent)
Agency: EPA New England
Address 1 Congress Street
City: Boston State Massachusetts Zip 02114-2023

5. Description of Materials	6. Containers NO: TYPE:	7. Total Quantity (Cubic Yards or Tons)
Construction And Demolition Debris Concrete PCB Bulk Product Waste	Dump	75

8. Special Handling Instructions & Additional Information:

9. Generator -Authorized Agent Certification: I hereby declare that the contents of this consignment are fully and accurately described by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transportation by highway to acceptable international and governmental regulations.

Printed/typed name & title: RICHARD A. MEARS | Signature: Richard A Mears | Month/ Day / Year: 8/8/2012

TRANSPORTER

10.A Name of Transporter-1 (Verifies Receipt of above described materials)
Red Technologies
Address 173 Pickering Street, Portland, CT 06480
Phone 860-342-1022 / Fax 860-342-1042
Printed or Typed Name & Title: D | Date:
Signature

10.B Name of Transporter-2 (Verifies Receipt of above described materials)
Brown Transport
Address P.O. Box 141, Acme, Pa. 15610
Phone 412-916-9206 / Fax
Printed or Typed Name & Title: Delmas Brown | Date: 8-8-12
Signature Delmas Brown

11. ALL TRANSPORTERS: ANY REJECTED OR NON-Listed materials ADDED or REMOVED during transit? (EXCEPT Correcting Material Weight at loading location.)
If NO SKIP If Yes (LIST & Identify Transporter -10.A : Trans-1 or 10.B: Trans-2) Destination Facility for Rejected Materials: Driver Name

13. Waste Disposal Site Owner or Auth. Agent:
Certification of Receipt of Asbestos Materials except Item 12 notes.
TICKET # 262958
Certification of Receipt of asbestos materials covered by this manifest except as noted in item 12.
Printed/typed name - WDS Facility: Kristina Lotis | Signature | Month/ Day / Year: 8-9-12

12. Waste Facility Discrepancy Indication Space

DISCREPANCY

WHITE SIGNATURE Page MUST STAY ATTACHED! Until Delivery to MINERVA Facility (White,Yellow,Pink Gold)
White: Generator - Yellow: WDS - Pink: Transporter 1 - Gold: Transporter 2 - Blue: Contractor - [Green: Gen. REMAINS at Shipment]

MINERVA ENTERPRISES, IN
9000 Minerva Rd. P.O. Box 709
Waynesburg, OH 44688
Ph: 330-866-3435
Fax: 330-866-3468

Customer Name
RTL Enterprises

Ticket #: **262957**
Date: **08/09/2012**
Time: 7:34:20 AM

Customer #:	**769**	Gross Weight:	112640
Transporterr:	Dennis Brown Truc	Tare Weight:	35200
Truck Type:	Trailer dump	Net Weight(tons):	**38.72**
Truck License #:	**6**	Volume Rocieved(yards):	75
Location:	MA, Amherst	Waste Type:	Non Friable Asbestos
Generator:	Davis Hall	Minerva Job #:	·st,ma"nf-acm/pcb
ME REP/P.O.#:	srd		
Accepted:	Yes	If No, this material was rejected for the following reasons	

Driver: Dennis Brown

Minerva Enterprises Representative:

I certify that all materials meet Stark County/ohio EPA specifications.

This certifies that the waste specified on this ticket has been properly disposed of in accordance with all local, state and federal regulations.

#23

WASTE SHIPMENT RECORD

DOCUMENT NUMBER AC-00 3

1. FACILITY NAME Davis Hall
Address 15 Merrill Science Drive
City Amherst State MA Zip 01002

OWNER's NAME Amherst College
Address 6 East Drive
City Amherst State MA Zip 01002
Owner's Phone: 413-542-8189
Owner's Fax:

GENERATOR

2. CONTRACTOR or OPERATOR's NAME NCM Demolition & Remediation, LP.
Addr 14 Jewel Drive
City Wilmington State Massachusetts Zip 01887
Operator's Phone: 978-657-5445
OPERATOR's Fax: 978-657-5995

3. Waste disposal Site (WDS): Name, Mailing Address, and physical location
Minerva Enterprises, LLC
955 Minerva Road SE
P.O. Box 709
Waynesburg, Ohio 44688-0709
Phone: 330-866-3435
Fax:330-866-3488
Onsite Disposal Yes or List:

4. Responsible Agency (Local, District, State, or EPA Office where notification was sent)
Agency: EPA New England
Address 1 Congress Street
City: Boston State Massachusetts Zip 02114-2023

5. Description of Materials	6. Containers NO: TYPE:	7. Total Quantity (Cubic Yards or Tons)
Construction And Demolition Debris Concrete PCB Bulk Product	Dump	75

8. Special Handling Instructions & Additional Information:

9. Generator -Authorized Agent Certification: I hereby declare that the contents of this consignment are fully and accurately described by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transportation by highway to acceptable international and governmental regulations.

Printed/typed name & title: Richard A. Mears
Signature: Richard A Mears
Month/ Day / Year: 8/8/2012

TRANSPORTER

10.A Name of Transporter-1 (Verifies Receipt of above described materials) Red Technologies
Address 173 Pickering Street, Portland, CT 06480
Phone 860-342-1022 / Fax 860-342-1042
Printed or Typed Name & Title Date:
Signature

10.B Name of Transporter-2 (Verifies Receipt of above described materials) Dennis Brown
Address Acme PA.
Phone 412-480-4531
Fax
Printed or Typed Name & Title: Dennis Brown Trucking Date: 8-8-12
Signature: Dennis Brown

11. ALL TRANSPORTERS: ANY REJECTED OR NON-Listed materials ADDED or REMOVED during transit? (EXCEPT Correcting Material Weight at loading location.)
If NO SKIP — If Yes (LIST & Identify Transporter -10.A : Trans-1 or 10.B: Trans-2) Destination Facility for Rejected Materials: Driver Name

13. Waste Disposal Site Owner or Auth. Agent:
Certification of Receipt of Asbestos Materials except Item 12 notes.
TICKET # 262957
Certification of Receipt of asbestos materials covered by this manifest except as noted in Item 12.
Printed/typed name - WDS Facility: Sharon Dunne
Signature: Sharon Dunne
Month/ Day / Year: 8/9/12

12. Waste Facility Discrepancy Indication Space

DISPOSALLY FACILITY

WHITE SIGNATURE Page MUST STAY ATTACHED! Until Delivery to MINERVA Facility (White,Yellow,Pink Gold)
White: Generator - Yellow: WDS - Pink: Transporter 1 - Gold: Transporter 2 - Blue: Contractor - [Green: Gen. REMAINS at Shipment]

MINERVA ENTERPRISES, IN
9000 Minerva Rd. P.O. Box 709
Waynesburg, OH 44688
Ph: 330-868-3435
Fax: 330-868-3488

Customer Name
RTL Enterprises

Ticket #: **262991**
Date: **08/09/2012**
Time: 9:50:14 AM

Customer #:	**769**	Gross Weight:	126100
Transporterr:	Weigle/JCB	Tare Weight:	32160
Truck Type:	Trailer dump	Net Weight(tons):	**46.97**
Truck License #:	**011**	Volume Recieved(yards):	75
Location:	MA, Amherst	Waste Type:	Non Friable Asbestos
Generator:	Davis Hall	Minerva Job #:	'st,ma*nf-acm/pcb
ME REP/P.O.#:	ydh		
Accepted:	Yes	If No, this material was rejected for the following reasons.	

Driver:

I certify that all materials meet Stark County/ohio EPA specifications.

Minerva Enterprises Representative:

This certifies that the waste specified on this ticket has been properly disposed of in accordance with all local, state and federal regulations.

#211

WASTE SHIPMENT RECORD

DOCUMENT NUMBER AC-00 4

1. FACILITY NAME Davis Hall
Address: 15 Merrill Science Drive
City: Amherst State: MA Zip: 01002

OWNER's NAME Amherst College
Address: 6 East Drive
City: Amherst State: MA Zip: 01002
Owner's Phone: 413-542-8189
Owner's Fax:

GENERATOR

2. CONTRACTOR or OPERATOR's NAME NCM Demolition & Remediation, LP.
Address: 14 Jewel Drive
City: Wilmington State: Massachusetts Zip: 01887
Operator's Phone: 978-657-5445
OPERATOR's Fax: 978-657-5995

3. Waste disposal Site (WDS): Name, Mailing Address, and physical location — Onsite Disposal: Yes , or List:
Minerva Enterprises, LLC — P.O. Box 709 — Phone: 330-866-3435
8955 Minerva Road SE — Waynesburg, Ohio 44688-0709 — Fax:330-866-3488

4. Responsible Agency (Local, District, State, or EPA Office where notification was sent)
Agency: EPA New England
Address: 1 Congress Street
City: Boston State: Massachusetts Zip: 02114-2023

5. Description of Materials	6. Containers NO: TYPE:	7. Total Quantity (Cubic Yards or Tons)
Construction And Demolition Debris Concrete PCB Bulk Product	Dump	75

8. Special Handling Instructions & Additional Information:

9. Generator -Authorized Agent Certification: I hereby declare that the contents of this consignment are fully and accurately described by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transportation by highway to acceptable international and governmental regulations.

Printed/typed name & title: RICHARD A. MEARS — Signature: [signature] — Month/Day/Year: 8/8/2012

TRANSPORTER

10.A Name of Transporter-1 (Verifies Receipt of above described materials): Red Technologies
Address: 173 Pickering Street, Portland, CT 06480
Phone: 860-342-1022 Fax: 860-342-1042
Printed or Typed Name & Title: Date:
Signature:

10.B Name of Transporter-2 (Verifies Receipt of above described materials): WIEGLE/JCB TRANS
Address: 32 MILLER RD, NEW MILFORD PA 18834
Phone: 5709061071 Fax:
Printed or Typed Name & Title: Date: 8/8/12
Signature: [signature]

11. ALL TRANSPORTERS: ANY REJECTED OR NON-Listed materials ADDED or REMOVED during transit? (EXCEPT Correcting Material Weight at loading location.)
If NO SKIP — If Yes (LIST & Identify Transporter -10.A : Trans-1 or 10.B: Trans-2) Destination Facility for Rejected Materials: Driver Name

13. Waste Disposal Site Owner or Auth. Agent:

12. Waste Facility Discrepancy Indication Space

DISPOSAL FACILITY

Certification of Receipt of Asbestos Materials except item 12 notes.
TICKET # 2e2991
Certification of Receipt of asbestos materials covered by this manifest except as noted in item 12.
Printed/typed name / WDS Facility: Yolanda Den — Signature: Yolanda Den — Month/Day/Year: 8/9/12

WHITE SIGNATURE Page MUST STAY ATTACHED! Until Delivery to MINERVA Facility (White,Yellow,Pink Gold)
White: Generator - Yellow: WDS - Pink: Transporter 1 - Gold: Transporter 2 - Blue: Contractor - [Green: Gen. REMAINS at Shipment]

MINERVA ENTERPRISES, IN
9000 Minerva Rd. P.O. Box 709
Waynesburg, OH 44688
Ph: 330-866-3435
Fax: 330-866-3488

Customer Name
RTL Enterprises

Ticket #: **202050**
Date: **08/09/2012**
Time: 7:30:24 AM

Customer #:	**769**	Gross Weight:	113600
Transporter:	Weigle Trucking	Tare Weight:	30440
Truck Type:	Trailer dump	Net Weight(tons):	**41.58**
Truck License #:	**102**	Volume Recieved(yards):	75
Location:	MA, Amherst	Waste Type:	Non Friable Asbestos
Generator:	Amherst College	Minerva Job #:	rat,ma*nf-acm/pcb
ME REP/P.O.#:	kll		
Accepted:	Yes	If No, this material was rejected for the following reasons.	

Driver: Kevin Bear

I certify that all materials meet Stark County/ohio EPA specifications.

Minerva Enterprises Representative:

This certifies that the waste specified on this ticket has been properly disposed of in accordance with all local, state and federal regulations.

#25

WASTE SHIPMENT RECORD

DOCUMENT NUMBER AC-00 5

1. FACILITY NAME Davis Hall
Address 15 Merrill Science Drive
City Amherst State MA Zip 01002

OWNER's NAME Amherst College
Address 6 East Drive
City Amherst State MA Zip 01002
Owner's Phone: 413-542-8189
Owner's Fax:

GENERATOR

2. CONTRACTOR or OPERATOR's NAME NCM Demolition & Remediation, LP.
Address 14 Jewel Drive
City Wilmington State Massachusetts Zip 01887
Operator's Phone: 978-657-5445
OPERATOR's Fax: 978-657-5995

3. Waste disposal Site (WDS): Name, Mailing Address, and physical location — Onsite Disposal Yes or List:
Minerva Enterprises, LLC | P.O. Box 709 | Phone: 330-866-3435
8955 Minerva Road SE | Waynesburg, Ohio 44688-0709 | Fax:330-866-3488

4. Responsible Agency (Local, District, State, or EPA Office where notification was sent)
Agency: EPA New England
Address 1 Congress Street
City: Boston State Massachusetts Zip 02114-2023

5. Description of Materials	6. Containers NO: TYPE:	7. Total Quantity (Cubic Yards or Tons)
Construction And Demolition Debris Concrete PCB Bulk Product Waste	Dump	95

8. Special Handling Instructions & Additional Information:

9. Generator -Authorized Agent Certification: I hereby declare that the contents of this consignment are fully and accurately described by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transportation by highway to acceptable international and governmental regulations.

Printed/typed name & title: RICHARD A MEARS — Signature: Richard A Mears — Month/ Day / Year: 8/8/2012

TRANSPORTER

10.A Name of Transporter-1 (Verifies Receipt of above described materials)
Red Technologies
Address: 173 Pickering Street, Portland, CT 06480
Phone: 860-342-1022 / Fax: 860-342-1042
Printed or Typed Name & Title: Date:
Signature:

10.B Name of Transporter-2 (Verifies Receipt of above described materials)
Weigh Trucking
Address: 274 Reynolds Rd, Linden Pa 17744
Phone: Fax:
Printed or Typed Name & Title: Kevin Begh Date: 8-08-12
Signature: Kevin Begh

11. ALL TRANSPORTERS: ANY REJECTED OR NON-Listed materials *ADDED or REMOVED* during transit? (EXCEPT Correcting Material Weight at loading location.)
If NO SKIP If Yes (LIST & Identify Transporter -10.A : Trans-1 or 10.B: Trans-2) Destination Facility for Rejected Materials: Driver Name

13. Waste Disposal Site Owner or Auth. Agent:

DISPOSAL

Certification of Receipt of Asbestos Materials except item 12 notes.
TICKET # 262956
Certification of Receipt of asbestos materials covered by this manifest except as noted in item 12.
Printed/typed name - WDS Facility: Kristina Lotis — Signature: K Lotis — Month/ Day / Year: 8-9-12

12. Waste Facility Discrepancy Indication Space

WHITE SIGNATURE Page MUST STAY ATTACHED! Until Delivery to MINERVA Facility (White,Yellow,Pink Gold)
White: Generator - Yellow: WDS - Pink: Transporter 1 - Gold: Transporter 2 - Blue: Contractor - [Green: Gen. REMAINS at Shipment]

MINERVA ENTERPRISES, IN
9000 Minerva Rd. P.O. Box 709
Waynesburg, OH 44688
Ph: 330-868-3435
Fax: 330-868-3488

Customer Name
RTL Enterprises

Ticket #: **202984**
Date: **08/09/2012**
Time: 9:15:46 AM

Customer #:	**769**	Gross Weight:	119920
Transporterr:	Brent Brown Trucki	Tare Weight:	33720
Truck Type:	Trailer dump	Net Weight(tons):	**43.1**
Truck License #:	**624**	Volume Recieved(yards):	80
Location:	MA, Amherst	Waste Type:	Non Friable Asbestos
Generator:	Davis Hall	Minerva Job #:	'st,ma*nf-acm/pcb
ME REP/P.O.#:	srd		
Accepted:	Yes	If No, this material was rejected for the following reasons.	

Driver: _____

I certify that all materials meet Stark County/ohio EPA specifications.

Minerva Enterprises Representative: _____

This certifies that the waste specified on this ticket has been properly disposed of in accordance with all local, state and federal regulations.

#26

WASTE SHIPMENT RECORD

DOCUMENT NUMBER AC-00 6

1. FACILITY NAME Davis Hall
Address: 15 Merrill Science Drive
City: Amherst State: MA Zip: 01002

OWNER's NAME
Address: Amherst College, 6 East Drive
City: Amherst State: MA Zip: 01002
Owner's Phone: 413-542-8189
Owner's Fax:

GENERATOR

2. CONTRACTOR or OPERATOR's NAME NCM Demolition & Remediation, LP.
Address: 14 Jewel Drive
City: Wilmington State: Massachusetts Zip: 01887
Operator's Phone: 978-657-5445
OPERATOR's Fax: 978-657-5995

3. Waste disposal Site (WDS): Name, Mailing Address, and physical location — Onsite Disposal Yes or List:
Minerva Enterprises, LLC
8955 Minerva Road SE
P.O. Box 709
Waynesburg, Ohio 44688-0709
Phone: 330-866-3435
Fax: 330-866-3488

4. Responsible Agency (Local, District, State, or EPA Office where notification was sent)
Agency: EPA New England
Address: 1 Congress Street
City: Boston State: Massachusetts Zip: 02114-2023

5. Description of Materials	6. Containers NO: TYPE:	7. Total Quantity (Cubic Yards or Tons)
Construction And Demolition Debris Concrete PCB Bulk Product		

8. Special Handling Instructions & Additional Information:

9. Generator -Authorized Agent Certification: I hereby declare that the contents of this consignment are fully and accurately described by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transportation by highway to acceptable international and governmental regulations.

Printed/typed name & title: RICHARD A. MEARS
Signature: Richard A Mears
Month/ Day / Year: 8/8/2012

TRANSPORTER

10.A Name of Transporter-1 (Verifies Receipt of above described materials)
Red Technologies
Address: 173 Pickering Street, Portland, CT 06480
Phone / Fax: 860-342-1022 / 860-342-1042
Printed or Typed Name & Title: Brent Brown (Minerva)
Date: 8-8-12
Signature:

10.B Name of Transporter-2 (Verifies Receipt of above described materials)
Address: 375 Kreger RD STAHLSTOWN PA 15687
Phone: 412-554-3685
Fax:
Printed or Typed Name & Title:
Date: 8-8-12
Signature:

11. ALL TRANSPORTERS: ANY REJECTED OR NON-Listed materials ADDED or REMOVED during transit? (EXCEPT Correcting Material Weight at loading location.)
If NO SKIP — If Yes (LIST & Identify Transporter -10.A : Trans-1 or 10.B: Trans-2) Destination Facility for Rejected Materials: Driver Name

DISPOSAL

13. Waste Disposal Site Owner or Auth. Agent:
Certification of Receipt of Asbestos Materials except Item 12 notes.
TICKET # 262984
Certification of Receipt of asbestos materials covered by this manifest except as noted in Item 12.
Printed/typed name - WDS Facility: Sharon Dunne
Signature: SDunne
Month/ Day / Year: 8/9/12

12. Waste Facility Discrepancy Indication Space

WHITE SIGNATURE Page MUST STAY ATTACHED! Until Delivery to MINERVA Facility (White,Yellow,Pink Gold)
White: Generator - Yellow: WDS - Pink: Transporter 1 - Gold: Transporter 2 - Blue: Contractor - [Green: Gen. REMAINS at Shipment]

MINERVA ENTERPRISES, IN
9000 Minerva Rd. P.O. Box 709
Waynesburg, OH 44688
Ph: 330-866-3435
Fax: 330-866-3488

Customer Name
RTL Enterprises

Ticket #: **263045**
Date: **08/10/2012**
Time: 7:37:21 AM

Customer #:	**769**	Gross Weight:	116940
Transporter:	Wgt/CTI	Tare Weight:	32420
Truck Type:	Trailer dump	Net Weight(tons):	**42.26**
Truck License #:	**350**	Volume Recieved(yards):	75
Location:	MA, Amherst	Waste Type:	Non Friable Asbestos
Generator:	Amherst College	Minerva Job #:	rst,ma*nf-acm/pcb
ME REP/P.O.#:	kll		

Accepted: Yes If No, this material was rejected for the following reasons. _____

Driver: W WRIGHT

Minerva Enterprises Representative: K Hall

I certify that all materials meet Stark County/ohio EPA specifications.

This certifies that the waste specified on this ticket has been properly disposed of in accordance with all local, state and federal regulations.

WASTE SHIPMENT RECORD

DOCUMENT NUMBER AC-0017

1. FACILITY NAME Davis Hall

Address 15 Merrill Science Drive

City Amherst State MA Zip 01002

OWNER's NAME Amherst College

Address 6 East Drive

City Amherst State MA Zip 01002

Owner's Phone: 413-542-8189

Owner's Fax:

GENERATOR

2. CONTRACTOR or OPERATOR's NAME NCM Demolition & Remediation, LP.

Address 14 Jewel Drive

City Wilmington State Massachusetts Zip 01887

Operator's Phone: 978-657-5445

OPERATOR's Fax: 978-657-5995

3. Waste disposal Site (WDS): Name, Mailing Address, and physical location

Minerva Enterprises, LLC
8955 Minerva Road SE

P.O. Box 709
Waynesburg, Ohio 44688-0709

Phone: 330-866-3435
Fax: 330-866-3488

Onsite Disposal Yes or List:

4. Responsible Agency (Local, District, State, or EPA Office where notification was sent)

Agency: EPA New England

Address 1 Congress Street

City: Boston State Massachusetts Zip 02114-2023

5. Description of Materials	6. Containers NO: TYPE:	7. Total Quantity (Cubic Yards or Tons)
Construction And Demolition Debris Concrete PCB Bulk Product		

8. Special Handling Instructions & Additional Information:

9. Generator -Authorized Agent Certification: I hereby declare that the contents of this consignment are fully and accurately described by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transportation by highway to acceptable international and governmental regulations.

Printed/typed name & title | Signature | Month/ Day / Year

TRANSPORTER

10.A Name of Transporter-1 (Verifies Receipt of above described materials)

Red Technologies

Address 173 Pickering Street
Portland, CT 06480

Phone / Fax 860-342-1022 / 860-342-1042

Printed or Typed Name & Title | Date:

Signature

10.B Name of Transporter-2 (Verifies Receipt of above described materials)

CTE / WEGE

Address SALISBURY PA

Phone / Fax 800 222 8888

Printed or Typed Name & Title: WILLIAM WRIGHT | Date:

Signature

11. ALL TRANSPORTERS: ANY REJECTED OR NON-Listed materials *ADDED or REMOVED* during transit? (EXCEPT Correcting Material Weight at loading location.)

If NO If Yes (LIST & Identify Transporter -10.A : Trans-1 or 10.B: Trans-2) Destination Facility for Rejected Materials: Driver *Name*

SKIP

13. Waste Disposal Site Owner or Auth. Agent:

DISPOSAL FACILITY

Certification of Receipt of Asbestos Materials except Item 12 notes.

TICKET # 263045

Certification of Receipt of asbestos materials covered by this manifest except as noted in Item 12.

Printed/typed name - WDS Facility: Kristina Lotas

Signature

Month/ Day / Year: 8-10-12

12. Waste Facility Discrepancy Indication Space

WHITE SIGNATURE Page MUST STAY ATTACHED! Until Delivery to MINERVA Facility (White, Yellow, Pink Gold)

White: Generator - Yellow: WDS - Pink: Transporter 1 - Gold: Transporter 2 - Blue: Contractor - [Green: Gen. REMAINS at Shipment]

MINERVA ENTERPRISES, IN
9000 Minerva Rd. P.O. Box 709
Waynesburg, OH 44688
Ph: 330-868-3435
Fax: 330-868-3488

Customer Name
RTL Enterprises

Ticket #: **262978**
Date: **08/09/2012**
Time: 8:51:18 AM

Customer #:	**769**	Gross Weight:	95660
Transporterr:	Weigle Trucking /	Tare Weight:	27580
Truck Type:	Trailer dump	Net Weight(tons):	**34.04**
Truck License #:	**563**	Volume Recieved(yards):	65
Location:	MA, Amherst	Waste Type:	Non Friable Asbestos
Generator:	Davis Hall	Minerva Job #:	'st,ma*nf-acm/pcb
ME REP/P.O.#:	srd		

Accepted: Yes If No, this material was rejected for the following reasons.

Driver:

I certify that all materials meet Stark County/ohio EPA specifications.

Minerva Enterprises Representative:

This certifies that the waste specified on this ticket has been properly disposed of in accordance with all local, state and federal regulations.

#101

WASTE SHIPMENT RECORD

DOCUMENT NUMBER B 12695

1. FACILITY NAME DAVIS HALL
Address: 15 MERRILL SCIENCE DR
City: AMHERST State: MA Zip: 01002

OWNER's NAME AMHERST COLLEGE
Address: 6 EAST DRIVE
City: AMHERST State: MA Zip: 01002
Owner's Phone: 413 542-8189
Owner's Fax:

GENERATOR

2. CONTRACTOR or OPERATOR's NAME NCM DEMOLITION + REMEDIATION, LP.
Address: 14 JEWEL DR.
City: WILMINGTON State: MASSACHUSETTS Zip: 01887
Operator's Phone: 978 657-5445
OPERATOR's Fax: 978 657-5495

3. Waste disposal Site (WDS): Name, Mailing Address, and physical location
Minerva Enterprises, LLC | P.O. Box 709 | Phone: 330-866-3435
8955 Minerva Road SE | Waynesburg, Ohio 44688-0709 | Fax:330-866-3488
Onsite Disposal: Yes or List:

4. Responsible Agency (Local, District, State, or EPA Office where notification was sent)
Agency: EPA NEW ENGLAND
Address: 1 CONGRESS STREET
City: BOSTON State: MASSACHUSETTS Zip: 02114-2023

5. Description of Materials	6. Containers NO: TYPE:	7. Total Quantity (Cubic Yards or Tons)
CONSTRUCTION + DEMOLITION DEBRIS CONCRETE PCB BULK PRODUCT	Dump	65

8. Special Handling Instructions & Additional Information:

9. Generator -Authorized Agent Certification: I hereby declare that the contents of this consignment are fully and accurately described by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transportation by highway to acceptable international and governmental regulations.

Printed/typed name & title: RICHARD A. MEANS
Signature: Richard A Means
Month/ Day / Year: 8/8/2012

TRANSPORTER

10.A Name of Transporter-1 (Verifies Receipt of above described materials) RED TECHNOLOGIES
Address: 173 PICKERING ST. PORTLAND, CT 06480
Phone 860 342-1022 Fax 860 342-1042
Printed or Typed Name & Title: Date: 8-8-12
Signature:

10.B Name of Transporter-2 (Verifies Receipt of above described materials) weigle / coordinators
Address: 274 Reynolds Rd Etwin PA
Phone 570-326-5438 Fax
Truck 563-D-901
Printed or Typed Name & Title: 563-D-901 Date: 8-8-12
Signature:

11.ALL TRANSPORTERS: ANY REJECTED OR NON-Listed materials *ADDED or REMOVED* during transit? (EXCEPT Correcting Material Weight at loading location.)
If NO SKIP If Yes (LIST & Identify Transporter -10.A : Trans-1 or 10.B: Trans-2) Destination Facility for Rejected Materials: Driver *Name*

13. Waste Disposal Site Owner or Auth. Agent:

DISPOSAL FACILITY

Certification of Receipt of Asbestos Materials except item 12 notes.

TICKET # 262978

Certification of Receipt of asbestos materials covered by this manifest except as noted in Item 12.

Printed/typed name - WDS Facility: Sharon Dunne
Signature: S Dunne
Month/ Day / Year: 8/9/12

12. Waste Facility Discrepancy Indication Space

WHITE SIGNATURE Page MUST STAY ATTACHED! Until Delivery to MINERVA Facility (White,Yellow,Pink Gold)
White: Generator - Yellow: WDS - Pink: Transporter 1 - Gold: Transporter 2 - Blue: Contractor - [Green: Gen. REMAINS at Shipment]

001553639GBF

#10 East coast Ca

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MAD066985367
2. Page 1 of: 1
3. Emergency Response Phone: 800-966-1102
4. Manifest Tracking Number: 001553639 GBF

5. Generator's Name and Mailing Address
Amherst College
6 East Drive
Amherst MA 01002
Att: Richard Mears
Generator's Phone: 413 542-8189

Generator's Site Address (if different than mailing address)
Amherst College
15 Merrill Science Drive
Amherst MA 01002

6. Transporter 1 Company Name: GOULET TRUCKING
U.S. EPA ID Number: MAC300006038

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
WAYNE DISPOSAL, INC.
49350 N., I-94 SERVICE DRIVE
BELLEVILLE MI 48111
Facility's Phone: 800 592-5489
U.S. EPA ID Number: MID048090633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ UN3432, Polychlorinated biphenyls, solid 9, PGII	1	CM	3000	K	MA02	PCB1	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information: 1)PCB/Asbestos Debris OUT OF SERVICE DATE: 8/31/12 ERG#171

Approval# H120132WDI

10+

ENPRO JOB# EVI-4103

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: RICHARD A. MEARS
Signature: Richard A Mears
Month 8 Day 31 Year 12

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Transporter signature (for exports only):
Port of entry/exit:
Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Gregory S Smith
Signature:
Month 8 Day 31 Year 12
Transporter 2 Printed/Typed Name: James Hescock
Signature: James Hescock
Month 9 Day 12 Year 12

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
18b. Alternate Facility (or Generator)
Manifest Reference Number:
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. PCB 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Josh Heath
Signature:
Month 09 Day 13 Year 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

COD #2

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 001553639GBF, Line Item 1 has been landfilled on

09-13, 2012 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 1-800-KWALITY (592-5489)
Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: _____